# Default

Started at: 1490161225455

- Solution #1 found. Solver[Solver-0], 1 Solutions, Resolution time 0.101s, 32 Nodes (317.3 n/s), 0 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_F1 = 1 feature\_root1\_F18 = 1 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 1 feature\_root1\_F75 = 0 feature\_root1\_F76 = 1 feature\_root1\_F77 = 1 feature\_root1\_F118 = 0 feature\_root1\_F78 = 1 feature\_root1\_F79 = 0 feature\_root1\_F80 = 1 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 1 feature\_root1\_F83 = 1 feature\_root1\_F84 = 1 feature\_root1\_F65 = 1 feature\_root1\_F66 = 1 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 1 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 1 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 0 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 0 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 0 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 0 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 0 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 15 TMP\_0 = 0 not(TMP\_0) = 1 TMP\_1 = 0 not(TMP\_1) = 1 TMP\_2 = 1 not(TMP\_2) = 0 TMP\_3 = 1 not(TMP\_3) = 0 root1\_F18Atribute0 = 86 TMP\_4 = 0 not(TMP\_4) = 1 TMP\_5 = 0 not(TMP\_5) = 1 TMP\_6 = 1 not(TMP\_6) = 0 TMP\_7 = 1 not(TMP\_7) = 0 root1\_F19Atribute1 = 72 TMP\_8 = 0 not(TMP\_8) = 1 TMP\_9 = 0 not(TMP\_9) = 1 TMP\_10 = 1 not(TMP\_10) = 0 TMP\_11 = 1 not(TMP\_11) = 0 root1\_F19Atribute0 = 64 TMP\_12 = 0 not(TMP\_12) = 1 TMP\_13 = 0 not(TMP\_13) = 1 TMP\_14 = 1 not(TMP\_14) = 0 TMP\_15 = 1 not(TMP\_15) = 0 root1\_F20Atribute1 = 15 TMP\_16 = 0 not(TMP\_16) = 1 TMP\_17 = 0 not(TMP\_17) = 1 TMP\_18 = 1 not(TMP\_18) = 0 TMP\_19 = 1 not(TMP\_19) = 0 root1\_F20Atribute0 = 61 TMP\_20 = 0 not(TMP\_20) = 1 TMP\_21 = 0 not(TMP\_21) = 1 TMP\_22 = 1 not(TMP\_22) = 0 TMP\_23 = 1 not(TMP\_23) = 0 root1\_F140Atribute1 = 0 TMP\_24 = 1 not(TMP\_24) = 0 TMP\_25 = 1 not(TMP\_25) = 0 TMP\_26 = 0 not(TMP\_26) = 1 TMP\_27 = 0 not(TMP\_27) = 1 root1\_F140Atribute0 = 0 TMP\_28 = 1 not(TMP\_28) = 0 TMP\_29 = 1 not(TMP\_29) = 0 TMP\_30 = 0 not(TMP\_30) = 1 TMP\_31 = 0 not(TMP\_31) = 1 root1\_F141Atribute1 = 0 TMP\_32 = 1 not(TMP\_32) = 0 TMP\_33 = 1 not(TMP\_33) = 0 TMP\_34 = 0 not(TMP\_34) = 1 TMP\_35 = 0 not(TMP\_35) = 1 root1\_F141Atribute0 = 0 TMP\_36 = 1 not(TMP\_36) = 0 TMP\_37 = 1 not(TMP\_37) = 0 TMP\_38 = 0 not(TMP\_38) = 1 TMP\_39 = 0 not(TMP\_39) = 1 root1\_F142Atribute1 = 0 TMP\_40 = 1 not(TMP\_40) = 0 TMP\_41 = 1 not(TMP\_41) = 0 TMP\_42 = 0 not(TMP\_42) = 1 TMP\_43 = 0 not(TMP\_43) = 1 root1\_F142Atribute0 = 0 TMP\_44 = 1 not(TMP\_44) = 0 TMP\_45 = 1 not(TMP\_45) = 0 TMP\_46 = 0 not(TMP\_46) = 1 TMP\_47 = 0 not(TMP\_47) = 1 root1\_F143Atribute1 = 0 TMP\_48 = 1 not(TMP\_48) = 0 TMP\_49 = 1 not(TMP\_49) = 0 TMP\_50 = 0 not(TMP\_50) = 1 TMP\_51 = 0 not(TMP\_51) = 1 root1\_F143Atribute0 = 0 TMP\_52 = 1 not(TMP\_52) = 0 TMP\_53 = 1 not(TMP\_53) = 0 TMP\_54 = 0 not(TMP\_54) = 1 TMP\_55 = 0 not(TMP\_55) = 1 root1\_F144Atribute1 = 0 TMP\_56 = 1 not(TMP\_56) = 0 TMP\_57 = 1 not(TMP\_57) = 0 TMP\_58 = 0 not(TMP\_58) = 1 TMP\_59 = 0 not(TMP\_59) = 1 root1\_F144Atribute0 = 0 TMP\_60 = 1 not(TMP\_60) = 0 TMP\_61 = 1 not(TMP\_61) = 0 TMP\_62 = 0 not(TMP\_62) = 1 TMP\_63 = 0 not(TMP\_63) = 1 root1\_F22Atribute1 = 51 TMP\_64 = 0 not(TMP\_64) = 1 TMP\_65 = 0 not(TMP\_65) = 1 TMP\_66 = 1 not(TMP\_66) = 0 TMP\_67 = 1 not(TMP\_67) = 0 root1\_F22Atribute0 = 69 TMP\_68 = 0 not(TMP\_68) = 1 TMP\_69 = 0 not(TMP\_69) = 1 TMP\_70 = 1 not(TMP\_70) = 0 TMP\_71 = 1 not(TMP\_71) = 0 root1\_F54Atribute1 = 32 TMP\_72 = 0 not(TMP\_72) = 1 TMP\_73 = 0 not(TMP\_73) = 1 TMP\_74 = 1 not(TMP\_74) = 0 TMP\_75 = 1 not(TMP\_75) = 0 root1\_F54Atribute0 = 96 TMP\_76 = 0 not(TMP\_76) = 1 TMP\_77 = 0 not(TMP\_77) = 1 TMP\_78 = 1 not(TMP\_78) = 0 TMP\_79 = 1 not(TMP\_79) = 0 root1\_F55Atribute1 = 12 TMP\_80 = 0 not(TMP\_80) = 1 TMP\_81 = 0 not(TMP\_81) = 1 TMP\_82 = 1 not(TMP\_82) = 0 TMP\_83 = 1 not(TMP\_83) = 0 root1\_F55Atribute0 = 76 TMP\_84 = 0 not(TMP\_84) = 1 TMP\_85 = 0 not(TMP\_85) = 1 TMP\_86 = 1 not(TMP\_86) = 0 TMP\_87 = 1 not(TMP\_87) = 0 root1\_F56Atribute1 = 0 TMP\_88 = 1 not(TMP\_88) = 0 TMP\_89 = 1 not(TMP\_89) = 0 TMP\_90 = 0 not(TMP\_90) = 1 TMP\_91 = 0 not(TMP\_91) = 1 root1\_F56Atribute0 = 0 TMP\_92 = 1 not(TMP\_92) = 0 TMP\_93 = 1 not(TMP\_93) = 0 TMP\_94 = 0 not(TMP\_94) = 1 TMP\_95 = 0 not(TMP\_95) = 1 root1\_F132Atribute1 = 69 TMP\_96 = 0 not(TMP\_96) = 1 TMP\_97 = 0 not(TMP\_97) = 1 TMP\_98 = 1 not(TMP\_98) = 0 TMP\_99 = 1 not(TMP\_99) = 0 root1\_F132Atribute0 = 61 TMP\_100 = 0 not(TMP\_100) = 1 TMP\_101 = 0 not(TMP\_101) = 1 TMP\_102 = 1 not(TMP\_102) = 0 TMP\_103 = 1 not(TMP\_103) = 0 root1\_F58Atribute1 = 61 TMP\_104 = 0 not(TMP\_104) = 1 TMP\_105 = 0 not(TMP\_105) = 1 TMP\_106 = 1 not(TMP\_106) = 0 TMP\_107 = 1 not(TMP\_107) = 0 root1\_F58Atribute0 = 39 TMP\_108 = 0 not(TMP\_108) = 1 TMP\_109 = 0 not(TMP\_109) = 1 TMP\_110 = 1 not(TMP\_110) = 0 TMP\_111 = 1 not(TMP\_111) = 0 root1\_F59Atribute1 = 49 TMP\_112 = 0 not(TMP\_112) = 1 TMP\_113 = 0 not(TMP\_113) = 1 TMP\_114 = 1 not(TMP\_114) = 0 TMP\_115 = 1 not(TMP\_115) = 0 root1\_F59Atribute0 = 93 TMP\_116 = 0 not(TMP\_116) = 1 TMP\_117 = 0 not(TMP\_117) = 1 TMP\_118 = 1 not(TMP\_118) = 0 TMP\_119 = 1 not(TMP\_119) = 0 root1\_F60Atribute1 = 1 TMP\_120 = 0 not(TMP\_120) = 1 TMP\_121 = 0 not(TMP\_121) = 1 TMP\_122 = 1 not(TMP\_122) = 0 TMP\_123 = 1 not(TMP\_123) = 0 root1\_F60Atribute0 = 44 TMP\_124 = 0 not(TMP\_124) = 1 TMP\_125 = 0 not(TMP\_125) = 1 TMP\_126 = 1 not(TMP\_126) = 0 TMP\_127 = 1 not(TMP\_127) = 0 root1\_F61Atribute1 = 0 TMP\_128 = 1 not(TMP\_128) = 0 TMP\_129 = 1 not(TMP\_129) = 0 TMP\_130 = 0 not(TMP\_130) = 1 TMP\_131 = 0 not(TMP\_131) = 1 root1\_F61Atribute0 = 0 TMP\_132 = 1 not(TMP\_132) = 0 TMP\_133 = 1 not(TMP\_133) = 0 TMP\_134 = 0 not(TMP\_134) = 1 TMP\_135 = 0 not(TMP\_135) = 1 root1\_F62Atribute1 = 74 TMP\_136 = 0 not(TMP\_136) = 1 TMP\_137 = 0 not(TMP\_137) = 1 TMP\_138 = 1 not(TMP\_138) = 0 TMP\_139 = 1 not(TMP\_139) = 0 root1\_F62Atribute0 = 47 TMP\_140 = 0 not(TMP\_140) = 1 TMP\_141 = 0 not(TMP\_141) = 1 TMP\_142 = 1 not(TMP\_142) = 0 TMP\_143 = 1 not(TMP\_143) = 0 root1\_F63Atribute1 = 15 TMP\_144 = 0 not(TMP\_144) = 1 TMP\_145 = 0 not(TMP\_145) = 1 TMP\_146 = 1 not(TMP\_146) = 0 TMP\_147 = 1 not(TMP\_147) = 0 root1\_F63Atribute0 = 27 TMP\_148 = 0 not(TMP\_148) = 1 TMP\_149 = 0 not(TMP\_149) = 1 TMP\_150 = 1 not(TMP\_150) = 0 TMP\_151 = 1 not(TMP\_151) = 0 root1\_F75Atribute1 = 0 TMP\_152 = 1 not(TMP\_152) = 0 TMP\_153 = 1 not(TMP\_153) = 0 TMP\_154 = 0 not(TMP\_154) = 1 TMP\_155 = 0 not(TMP\_155) = 1 root1\_F75Atribute0 = 0 TMP\_156 = 1 not(TMP\_156) = 0 TMP\_157 = 1 not(TMP\_157) = 0 TMP\_158 = 0 not(TMP\_158) = 1 TMP\_159 = 0 not(TMP\_159) = 1 root1\_F76Atribute1 = 31 TMP\_160 = 0 not(TMP\_160) = 1 TMP\_161 = 0 not(TMP\_161) = 1 TMP\_162 = 1 not(TMP\_162) = 0 TMP\_163 = 1 not(TMP\_163) = 0 root1\_F76Atribute0 = 62 TMP\_164 = 0 not(TMP\_164) = 1 TMP\_165 = 0 not(TMP\_165) = 1 TMP\_166 = 1 not(TMP\_166) = 0 TMP\_167 = 1 not(TMP\_167) = 0 root1\_F118Atribute1 = 0 TMP\_168 = 1 not(TMP\_168) = 0 TMP\_169 = 1 not(TMP\_169) = 0 TMP\_170 = 0 not(TMP\_170) = 1 TMP\_171 = 0 not(TMP\_171) = 1 root1\_F118Atribute0 = 0 TMP\_172 = 1 not(TMP\_172) = 0 TMP\_173 = 1 not(TMP\_173) = 0 TMP\_174 = 0 not(TMP\_174) = 1 TMP\_175 = 0 not(TMP\_175) = 1 root1\_F78Atribute1 = 15 TMP\_176 = 0 not(TMP\_176) = 1 TMP\_177 = 0 not(TMP\_177) = 1 TMP\_178 = 1 not(TMP\_178) = 0 TMP\_179 = 1 not(TMP\_179) = 0 root1\_F78Atribute0 = 75 TMP\_180 = 0 not(TMP\_180) = 1 TMP\_181 = 0 not(TMP\_181) = 1 TMP\_182 = 1 not(TMP\_182) = 0 TMP\_183 = 1 not(TMP\_183) = 0 root1\_F79Atribute1 = 0 TMP\_184 = 1 not(TMP\_184) = 0 TMP\_185 = 1 not(TMP\_185) = 0 TMP\_186 = 0 not(TMP\_186) = 1 TMP\_187 = 0 not(TMP\_187) = 1 root1\_F79Atribute0 = 0 TMP\_188 = 1 not(TMP\_188) = 0 TMP\_189 = 1 not(TMP\_189) = 0 TMP\_190 = 0 not(TMP\_190) = 1 TMP\_191 = 0 not(TMP\_191) = 1 root1\_F80Atribute1 = 94 TMP\_192 = 0 not(TMP\_192) = 1 TMP\_193 = 0 not(TMP\_193) = 1 TMP\_194 = 1 not(TMP\_194) = 0 TMP\_195 = 1 not(TMP\_195) = 0 root1\_F80Atribute0 = 1 TMP\_196 = 0 not(TMP\_196) = 1 TMP\_197 = 0 not(TMP\_197) = 1 TMP\_198 = 1 not(TMP\_198) = 0 TMP\_199 = 1 not(TMP\_199) = 0 root1\_F124Atribute1 = 0 TMP\_200 = 1 not(TMP\_200) = 0 TMP\_201 = 1 not(TMP\_201) = 0 TMP\_202 = 0 not(TMP\_202) = 1 TMP\_203 = 0 not(TMP\_203) = 1 root1\_F124Atribute0 = 0 TMP\_204 = 1 not(TMP\_204) = 0 TMP\_205 = 1 not(TMP\_205) = 0 TMP\_206 = 0 not(TMP\_206) = 1 TMP\_207 = 0 not(TMP\_207) = 1 root1\_F125Atribute1 = 0 TMP\_208 = 1 not(TMP\_208) = 0 TMP\_209 = 1 not(TMP\_209) = 0 TMP\_210 = 0 not(TMP\_210) = 1 TMP\_211 = 0 not(TMP\_211) = 1 root1\_F125Atribute0 = 0 TMP\_212 = 1 not(TMP\_212) = 0 TMP\_213 = 1 not(TMP\_213) = 0 TMP\_214 = 0 not(TMP\_214) = 1 TMP\_215 = 0 not(TMP\_215) = 1 root1\_F126Atribute1 = 0 TMP\_216 = 1 not(TMP\_216) = 0 TMP\_217 = 1 not(TMP\_217) = 0 TMP\_218 = 0 not(TMP\_218) = 1 TMP\_219 = 0 not(TMP\_219) = 1 root1\_F126Atribute0 = 0 TMP\_220 = 1 not(TMP\_220) = 0 TMP\_221 = 1 not(TMP\_221) = 0 TMP\_222 = 0 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TMP\_249 = 1 not(TMP\_249) = 0 TMP\_250 = 0 not(TMP\_250) = 1 TMP\_251 = 0 not(TMP\_251) = 1 root1\_F130Atribute0 = 0 TMP\_252 = 1 not(TMP\_252) = 0 TMP\_253 = 1 not(TMP\_253) = 0 TMP\_254 = 0 not(TMP\_254) = 1 TMP\_255 = 0 not(TMP\_255) = 1 root1\_F131Atribute1 = 0 TMP\_256 = 1 not(TMP\_256) = 0 TMP\_257 = 1 not(TMP\_257) = 0 TMP\_258 = 0 not(TMP\_258) = 1 TMP\_259 = 0 not(TMP\_259) = 1 root1\_F131Atribute0 = 0 TMP\_260 = 1 not(TMP\_260) = 0 TMP\_261 = 1 not(TMP\_261) = 0 TMP\_262 = 0 not(TMP\_262) = 1 TMP\_263 = 0 not(TMP\_263) = 1 root1\_F86Atribute1 = 0 TMP\_264 = 1 not(TMP\_264) = 0 TMP\_265 = 1 not(TMP\_265) = 0 TMP\_266 = 0 not(TMP\_266) = 1 TMP\_267 = 0 not(TMP\_267) = 1 root1\_F86Atribute0 = 0 TMP\_268 = 1 not(TMP\_268) = 0 TMP\_269 = 1 not(TMP\_269) = 0 TMP\_270 = 0 not(TMP\_270) = 1 TMP\_271 = 0 not(TMP\_271) = 1 root1\_F82Atribute1 = 90 TMP\_272 = 0 not(TMP\_272) = 1 TMP\_273 = 0 not(TMP\_273) = 1 TMP\_274 = 1 not(TMP\_274) = 0 TMP\_275 = 1 not(TMP\_275) = 0 root1\_F82Atribute0 = 41 TMP\_276 = 0 not(TMP\_276) = 1 TMP\_277 = 0 not(TMP\_277) = 1 TMP\_278 = 1 not(TMP\_278) = 0 TMP\_279 = 1 not(TMP\_279) = 0 root1\_F83Atribute1 = 17 TMP\_280 = 0 not(TMP\_280) = 1 TMP\_281 = 0 not(TMP\_281) = 1 TMP\_282 = 1 not(TMP\_282) = 0 TMP\_283 = 1 not(TMP\_283) = 0 root1\_F83Atribute0 = 25 TMP\_284 = 0 not(TMP\_284) = 1 TMP\_285 = 0 not(TMP\_285) = 1 TMP\_286 = 1 not(TMP\_286) = 0 TMP\_287 = 1 not(TMP\_287) = 0 root1\_F84Atribute1 = 11 TMP\_288 = 0 not(TMP\_288) = 1 TMP\_289 = 0 not(TMP\_289) = 1 TMP\_290 = 1 not(TMP\_290) = 0 TMP\_291 = 1 not(TMP\_291) = 0 root1\_F84Atribute0 = 68 TMP\_292 = 0 not(TMP\_292) = 1 TMP\_293 = 0 not(TMP\_293) = 1 TMP\_294 = 1 not(TMP\_294) = 0 TMP\_295 = 1 not(TMP\_295) = 0 root1\_F65Atribute1 = 32 TMP\_296 = 0 not(TMP\_296) = 1 TMP\_297 = 0 not(TMP\_297) = 1 TMP\_298 = 1 not(TMP\_298) = 0 TMP\_299 = 1 not(TMP\_299) = 0 root1\_F65Atribute0 = 80 TMP\_300 = 0 not(TMP\_300) = 1 TMP\_301 = 0 not(TMP\_301) = 1 TMP\_302 = 1 not(TMP\_302) = 0 TMP\_303 = 1 not(TMP\_303) = 0 root1\_F66Atribute1 = 21 TMP\_304 = 0 not(TMP\_304) = 1 TMP\_305 = 0 not(TMP\_305) = 1 TMP\_306 = 1 not(TMP\_306) = 0 TMP\_307 = 1 not(TMP\_307) = 0 root1\_F66Atribute0 = 2 TMP\_308 = 0 not(TMP\_308) = 1 TMP\_309 = 0 not(TMP\_309) = 1 TMP\_310 = 1 not(TMP\_310) = 0 TMP\_311 = 1 not(TMP\_311) = 0 root1\_F67Atribute1 = 0 TMP\_312 = 1 not(TMP\_312) = 0 TMP\_313 = 1 not(TMP\_313) = 0 TMP\_314 = 0 not(TMP\_314) = 1 TMP\_315 = 0 not(TMP\_315) = 1 TMP\_316 = 1 not(TMP\_316) = 0 TMP\_317 = 1 not(TMP\_317) = 0 root1\_F68Atribute1 = 0 TMP\_318 = 1 not(TMP\_318) = 0 TMP\_319 = 1 not(TMP\_319) = 0 TMP\_320 = 0 not(TMP\_320) = 1 TMP\_321 = 0 not(TMP\_321) = 1 root1\_F68Atribute0 = 0 TMP\_322 = 1 not(TMP\_322) = 0 TMP\_323 = 1 not(TMP\_323) = 0 TMP\_324 = 0 not(TMP\_324) = 1 TMP\_325 = 0 not(TMP\_325) = 1 root1\_F69Atribute1 = 81 TMP\_326 = 0 not(TMP\_326) = 1 TMP\_327 = 0 not(TMP\_327) = 1 TMP\_328 = 1 not(TMP\_328) = 0 TMP\_329 = 1 not(TMP\_329) = 0 root1\_F69Atribute0 = 6 TMP\_330 = 0 not(TMP\_330) = 1 TMP\_331 = 0 not(TMP\_331) = 1 TMP\_332 = 1 not(TMP\_332) = 0 TMP\_333 = 1 not(TMP\_333) = 0 root1\_F25Atribute1 = 26 TMP\_334 = 0 not(TMP\_334) = 1 TMP\_335 = 0 not(TMP\_335) = 1 TMP\_336 = 1 not(TMP\_336) = 0 TMP\_337 = 1 not(TMP\_337) = 0 root1\_F25Atribute0 = 52 TMP\_338 = 0 not(TMP\_338) = 1 TMP\_339 = 0 not(TMP\_339) = 1 TMP\_340 = 1 not(TMP\_340) = 0 TMP\_341 = 1 not(TMP\_341) = 0 root1\_F74Atribute1 = 16 TMP\_342 = 0 not(TMP\_342) = 1 TMP\_343 = 0 not(TMP\_343) = 1 TMP\_344 = 1 not(TMP\_344) = 0 TMP\_345 = 1 not(TMP\_345) = 0 root1\_F74Atribute0 = 51 TMP\_346 = 0 not(TMP\_346) = 1 TMP\_347 = 0 not(TMP\_347) = 1 TMP\_348 = 1 not(TMP\_348) = 0 TMP\_349 = 1 not(TMP\_349) = 0 root1\_F2Atribute1 = 29 TMP\_350 = 0 not(TMP\_350) = 1 TMP\_351 = 0 not(TMP\_351) = 1 TMP\_352 = 1 not(TMP\_352) = 0 TMP\_353 = 1 not(TMP\_353) = 0 root1\_F2Atribute0 = 91 TMP\_354 = 0 not(TMP\_354) = 1 TMP\_355 = 0 not(TMP\_355) = 1 TMP\_356 = 1 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TMP\_731 = 1 not(TMP\_731) = 0 TMP\_732 = 0 not(TMP\_732) = 1 TMP\_733 = 0 not(TMP\_733) = 1 root1\_F136Atribute1 = 0 TMP\_734 = 1 not(TMP\_734) = 0 TMP\_735 = 1 not(TMP\_735) = 0 TMP\_736 = 0 not(TMP\_736) = 1 TMP\_737 = 0 not(TMP\_737) = 1 root1\_F136Atribute0 = 0 TMP\_738 = 1 not(TMP\_738) = 0 TMP\_739 = 1 not(TMP\_739) = 0 TMP\_740 = 0 not(TMP\_740) = 1 TMP\_741 = 0 not(TMP\_741) = 1 root1\_F137Atribute1 = 0 TMP\_742 = 1 not(TMP\_742) = 0 TMP\_743 = 1 not(TMP\_743) = 0 TMP\_744 = 0 not(TMP\_744) = 1 TMP\_745 = 0 not(TMP\_745) = 1 root1\_F137Atribute0 = 0 TMP\_746 = 1 not(TMP\_746) = 0 TMP\_747 = 1 not(TMP\_747) = 0 TMP\_748 = 0 not(TMP\_748) = 1 TMP\_749 = 0 not(TMP\_749) = 1 root1\_F138Atribute1 = 0 TMP\_750 = 1 not(TMP\_750) = 0 TMP\_751 = 1 not(TMP\_751) = 0 TMP\_752 = 0 not(TMP\_752) = 1 TMP\_753 = 0 not(TMP\_753) = 1 root1\_F138Atribute0 = 0 TMP\_754 = 1 not(TMP\_754) = 0 TMP\_755 = 1 not(TMP\_755) = 0 TMP\_756 = 0 not(TMP\_756) = 1 TMP\_757 = 0 not(TMP\_757) = 1 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TMP\_811 = 1 not(TMP\_811) = 0 TMP\_812 = 0 not(TMP\_812) = 1 TMP\_813 = 0 not(TMP\_813) = 1 root1\_F117Atribute1 = 0 TMP\_814 = 1 not(TMP\_814) = 0 TMP\_815 = 1 not(TMP\_815) = 0 TMP\_816 = 0 not(TMP\_816) = 1 TMP\_817 = 0 not(TMP\_817) = 1 root1\_F117Atribute0 = 0 TMP\_818 = 1 not(TMP\_818) = 0 TMP\_819 = 1 not(TMP\_819) = 0 TMP\_820 = 0 not(TMP\_820) = 1 TMP\_821 = 0 not(TMP\_821) = 1 root1\_F49Atribute1 = 0 TMP\_822 = 1 not(TMP\_822) = 0 TMP\_823 = 1 not(TMP\_823) = 0 TMP\_824 = 0 not(TMP\_824) = 1 TMP\_825 = 0 not(TMP\_825) = 1 root1\_F49Atribute0 = 0 TMP\_826 = 1 not(TMP\_826) = 0 TMP\_827 = 1 not(TMP\_827) = 0 TMP\_828 = 0 not(TMP\_828) = 1 TMP\_829 = 0 not(TMP\_829) = 1 root1\_F43Atribute1 = 0 TMP\_830 = 1 not(TMP\_830) = 0 TMP\_831 = 1 not(TMP\_831) = 0 TMP\_832 = 0 not(TMP\_832) = 1 TMP\_833 = 0 not(TMP\_833) = 1 root1\_F43Atribute0 = 0 TMP\_834 = 1 not(TMP\_834) = 0 TMP\_835 = 1 not(TMP\_835) = 0 TMP\_836 = 0 not(TMP\_836) = 1 TMP\_837 = 0 not(TMP\_837) = 1 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= 1 TMP\_865 = 0 not(TMP\_865) = 1 root1\_F13Atribute0 = 0 TMP\_866 = 1 not(TMP\_866) = 0 TMP\_867 = 1 not(TMP\_867) = 0 TMP\_868 = 0 not(TMP\_868) = 1 TMP\_869 = 0 not(TMP\_869) = 1 root1\_F50Atribute1 = 0 TMP\_870 = 1 not(TMP\_870) = 0 TMP\_871 = 1 not(TMP\_871) = 0 TMP\_872 = 0 not(TMP\_872) = 1 TMP\_873 = 0 not(TMP\_873) = 1 root1\_F50Atribute0 = 0 TMP\_874 = 1 not(TMP\_874) = 0 TMP\_875 = 1 not(TMP\_875) = 0 TMP\_876 = 0 not(TMP\_876) = 1 TMP\_877 = 0 not(TMP\_877) = 1 root1\_F153Atribute1 = 50 TMP\_878 = 0 not(TMP\_878) = 1 TMP\_879 = 0 not(TMP\_879) = 1 TMP\_880 = 1 not(TMP\_880) = 0 TMP\_881 = 1 not(TMP\_881) = 0 root1\_F153Atribute0 = 88 TMP\_882 = 0 not(TMP\_882) = 1 TMP\_883 = 0 not(TMP\_883) = 1 TMP\_884 = 1 not(TMP\_884) = 0 TMP\_885 = 1 not(TMP\_885) = 0 root1\_F154Atribute1 = 38 TMP\_886 = 0 not(TMP\_886) = 1 TMP\_887 = 0 not(TMP\_887) = 1 TMP\_888 = 1 not(TMP\_888) = 0 TMP\_889 = 1 not(TMP\_889) = 0 root1\_F154Atribute0 = 34 TMP\_890 = 0 not(TMP\_890) = 1 TMP\_891 = 0 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= 67 TMP\_918 = 0 not(TMP\_918) = 1 TMP\_919 = 0 not(TMP\_919) = 1 TMP\_920 = 1 not(TMP\_920) = 0 TMP\_921 = 1 not(TMP\_921) = 0 root1\_F133Atribute0 = 26 TMP\_922 = 0 not(TMP\_922) = 1 TMP\_923 = 0 not(TMP\_923) = 1 TMP\_924 = 1 not(TMP\_924) = 0 TMP\_925 = 1 not(TMP\_925) = 0 root1\_F134Atribute1 = 0 TMP\_926 = 1 not(TMP\_926) = 0 TMP\_927 = 1 not(TMP\_927) = 0 TMP\_928 = 0 not(TMP\_928) = 1 TMP\_929 = 0 not(TMP\_929) = 1 root1\_F134Atribute0 = 0 TMP\_930 = 1 not(TMP\_930) = 0 TMP\_931 = 1 not(TMP\_931) = 0 TMP\_932 = 0 not(TMP\_932) = 1 TMP\_933 = 0 not(TMP\_933) = 1 root1\_F135Atribute1 = 95 TMP\_934 = 0 not(TMP\_934) = 1 TMP\_935 = 0 not(TMP\_935) = 1 TMP\_936 = 1 not(TMP\_936) = 0 TMP\_937 = 1 not(TMP\_937) = 0 root1\_F135Atribute0 = 68 TMP\_938 = 0 not(TMP\_938) = 1 TMP\_939 = 0 not(TMP\_939) = 1 TMP\_940 = 1 not(TMP\_940) = 0 TMP\_941 = 1 not(TMP\_941) = 0 root1\_F15Atribute1 = 74 TMP\_942 = 0 not(TMP\_942) = 1 TMP\_943 = 0 not(TMP\_943) = 1 TMP\_944 = 1 not(TMP\_944) = 0 TMP\_945 = 1 not(TMP\_945) = 0 root1\_F15Atribute0 = 78 TMP\_946 = 0 not(TMP\_946) = 1 TMP\_947 = 0 not(TMP\_947) = 1 TMP\_948 = 1 not(TMP\_948) = 0 TMP\_949 = 1 not(TMP\_949) = 0 root1\_F16Atribute1 = 17 TMP\_950 = 0 not(TMP\_950) = 1 TMP\_951 = 0 not(TMP\_951) = 1 TMP\_952 = 1 not(TMP\_952) = 0 TMP\_953 = 1 not(TMP\_953) = 0 root1\_F16Atribute0 = 66 TMP\_954 = 0 not(TMP\_954) = 1 TMP\_955 = 0 not(TMP\_955) = 1 TMP\_956 = 1 not(TMP\_956) = 0 TMP\_957 = 1 not(TMP\_957) = 0 root1\_F17Atribute1 = 0 TMP\_958 = 1 not(TMP\_958) = 0 TMP\_959 = 1 not(TMP\_959) = 0 TMP\_960 = 0 not(TMP\_960) = 1 TMP\_961 = 0 not(TMP\_961) = 1 root1\_F17Atribute0 = 0 TMP\_962 = 1 not(TMP\_962) = 0 TMP\_963 = 1 not(TMP\_963) = 0 TMP\_964 = 0 not(TMP\_964) = 1 TMP\_965 = 0 not(TMP\_965) = 1 root1\_F6Atribute1 = 98 TMP\_966 = 0 not(TMP\_966) = 1 TMP\_967 = 0 not(TMP\_967) = 1 TMP\_968 = 1 not(TMP\_968) = 0 TMP\_969 = 1 not(TMP\_969) = 0 root1\_F6Atribute0 = 44 TMP\_970 = 0 not(TMP\_970) = 1 TMP\_971 = 0 not(TMP\_971) = 1 TMP\_972 = 1 not(TMP\_972) = 0 TMP\_973 = 1 not(TMP\_973) = 0 root1\_F88Atribute1 = 82 TMP\_974 = 0 not(TMP\_974) = 1 TMP\_975 = 0 not(TMP\_975) = 1 TMP\_976 = 1 not(TMP\_976) = 0 TMP\_977 = 1 not(TMP\_977) = 0 root1\_F88Atribute0 = 30 TMP\_978 = 0 not(TMP\_978) = 1 TMP\_979 = 0 not(TMP\_979) = 1 TMP\_980 = 1 not(TMP\_980) = 0 TMP\_981 = 1 not(TMP\_981) = 0 root1\_F89Atribute1 = 0 TMP\_982 = 1 not(TMP\_982) = 0 TMP\_983 = 1 not(TMP\_983) = 0 TMP\_984 = 0 not(TMP\_984) = 1 TMP\_985 = 0 not(TMP\_985) = 1 root1\_F89Atribute0 = 0 TMP\_986 = 1 not(TMP\_986) = 0 TMP\_987 = 1 not(TMP\_987) = 0 TMP\_988 = 0 not(TMP\_988) = 1 TMP\_989 = 0 not(TMP\_989) = 1 root1\_F90Atribute1 = 15 TMP\_990 = 0 not(TMP\_990) = 1 TMP\_991 = 0 not(TMP\_991) = 1 TMP\_992 = 1 not(TMP\_992) = 0 TMP\_993 = 1 not(TMP\_993) = 0 root1\_F90Atribute0 = 14 TMP\_994 = 0 not(TMP\_994) = 1 TMP\_995 = 0 not(TMP\_995) = 1 TMP\_996 = 1 not(TMP\_996) = 0 TMP\_997 = 1 not(TMP\_997) = 0 root1\_F91Atribute1 = 98 TMP\_998 = 0 not(TMP\_998) = 1 TMP\_999 = 0 not(TMP\_999) = 1 TMP\_1000 = 1 not(TMP\_1000) = 0 TMP\_1001 = 1 not(TMP\_1001) = 0 root1\_F91Atribute0 = 98 TMP\_1002 = 0 not(TMP\_1002) = 1 TMP\_1003 = 0 not(TMP\_1003) = 1 TMP\_1004 = 1 not(TMP\_1004) = 0 TMP\_1005 = 1 not(TMP\_1005) = 0 root1\_F92Atribute1 = 32 TMP\_1006 = 0 not(TMP\_1006) = 1 TMP\_1007 = 0 not(TMP\_1007) = 1 TMP\_1008 = 1 not(TMP\_1008) = 0 TMP\_1009 = 1 not(TMP\_1009) = 0 root1\_F92Atribute0 = 95 TMP\_1010 = 0 not(TMP\_1010) = 1 TMP\_1011 = 0 not(TMP\_1011) = 1 TMP\_1012 = 1 not(TMP\_1012) = 0 TMP\_1013 = 1 not(TMP\_1013) = 0 root1\_F93Atribute1 = 0 TMP\_1014 = 1 not(TMP\_1014) = 0 TMP\_1015 = 1 not(TMP\_1015) = 0 TMP\_1016 = 0 not(TMP\_1016) = 1 TMP\_1017 = 0 not(TMP\_1017) = 1 root1\_F93Atribute0 = 0 TMP\_1018 = 1 not(TMP\_1018) = 0 TMP\_1019 = 1 not(TMP\_1019) = 0 TMP\_1020 = 0 not(TMP\_1020) = 1 TMP\_1021 = 0 not(TMP\_1021) = 1 root1\_F94Atribute1 = 80 TMP\_1022 = 0 not(TMP\_1022) = 1 TMP\_1023 = 0 not(TMP\_1023) = 1 TMP\_1024 = 1 not(TMP\_1024) = 0 TMP\_1025 = 1 not(TMP\_1025) = 0 root1\_F94Atribute0 = 26 TMP\_1026 = 0 not(TMP\_1026) = 1 TMP\_1027 = 0 not(TMP\_1027) = 1 TMP\_1028 = 1 not(TMP\_1028) = 0 TMP\_1029 = 1 not(TMP\_1029) = 0 sumOrroot1\_F23 = 1 TMP\_1030 = 1 not(TMP\_1030) = 0 not(feature\_root1\_F23) = 0 TMP\_1031 = 0 not(TMP\_1031) = 1 sumOrroot1\_F64 = 1 TMP\_1032 = 1 not(TMP\_1032) = 0 not(feature\_root1\_F64) = 0 TMP\_1033 = 0 not(TMP\_1033) = 1 sumOrroot1\_F24 = 1 TMP\_1034 = 1 not(TMP\_1034) = 0 not(feature\_root1\_F24) = 0 TMP\_1035 = 0 not(TMP\_1035) = 1 sumOrroot1\_F24 = 1 TMP\_1036 = 1 not(TMP\_1036) = 0 TMP\_1037 = 0 not(TMP\_1037) = 1 sumOrroot1\_F73 = 2 TMP\_1038 = 1 not(TMP\_1038) = 0 not(feature\_root1\_F73) = 0 TMP\_1039 = 0 not(TMP\_1039) = 1 sumOrroot1\_F5 = 1 TMP\_1040 = 1 not(TMP\_1040) = 0 not(feature\_root1\_F5) = 0 TMP\_1041 = 0 not(TMP\_1041) = 1 sumOrroot1\_F12 = 0 TMP\_1042 = 0 not(TMP\_1042) = 1 not(feature\_root1\_F12) = 1 TMP\_1043 = 1 not(TMP\_1043) = 0 sumOrroot1\_F36 = 0 TMP\_1044 = 0 not(TMP\_1044) = 1 not(feature\_root1\_F36) = 1 TMP\_1045 = 1 not(TMP\_1045) = 0 sumOrroot1\_F34 = 0 TMP\_1046 = 0 not(TMP\_1046) = 1 not(feature\_root1\_F34) = 1 TMP\_1047 = 1 not(TMP\_1047) = 0 sumOrroot1\_F48 = 0 TMP\_1048 = 0 not(TMP\_1048) = 1 not(feature\_root1\_F48) = 1 TMP\_1049 = 1 not(TMP\_1049) = 0 sumOrroot1\_F112 = 0 TMP\_1050 = 0 not(TMP\_1050) = 1 not(feature\_root1\_F112) = 1 TMP\_1051 = 1 not(TMP\_1051) = 0 sumOrroot1\_F5 = 3 TMP\_1052 = 1 not(TMP\_1052) = 0 TMP\_1053 = 0 not(TMP\_1053) = 1 sumOrroot1\_F52 = 1 TMP\_1054 = 1 not(TMP\_1054) = 0 not(feature\_root1\_F52) = 0 TMP\_1055 = 0 not(TMP\_1055) = 1 sumOrroot1\_F7 = 1 TMP\_1056 = 1 not(TMP\_1056) = 0 not(feature\_root1\_F7) = 0 TMP\_1057 = 0 not(TMP\_1057) = 1 -(root1\_F60Atribute1) = -1 -(root1\_F61Atribute1) = 0 -(root1\_F62Atribute1) = -74 -(root1\_F63Atribute1) = -15 -(root1\_F65Atribute1) = -32 -(root1\_F66Atribute1) = -21 -(root1\_F67Atribute1) = 0 -(root1\_F68Atribute1) = 0 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-(root1\_F155Atribute1) = -62 -(root1\_F55Atribute1) = -12 -(root1\_F152Atribute1) = 0 -(root1\_F56Atribute1) = 0 -(root1\_F153Atribute1) = -50 -(root1\_F150Atribute1) = 0 -(root1\_F58Atribute1) = -61 -(root1\_F151Atribute1) = 0 -(root1\_F59Atribute1) = -49 -(root1\_F118Atribute1) = 0 -(root1\_F119Atribute1) = 0 -(root1\_F116Atribute1) = 0 -(root1\_F117Atribute1) = 0 -(root1\_F125Atribute1) = 0 -(root1\_F126Atribute1) = 0 -(root1\_F123Atribute1) = 0 -(root1\_F124Atribute1) = 0 -(root1\_F20Atribute1) = -15 -(root1\_F121Atribute1) = 0 -(root1\_F122Atribute1) = 0 -(root1\_F22Atribute1) = -51 -(root1\_F120Atribute1) = 0 -(root1\_F25Atribute1) = -26 -(root1\_F27Atribute1) = 0 -(root1\_F28Atribute1) = 0 -(root1\_F29Atribute1) = 0 -(root1\_F6Atribute1) = -98 -(root1\_F9Atribute1) = -47 -(root1\_F8Atribute1) = 0 -(root1\_F2Atribute1) = -29 -(root1\_F4Atribute1) = -26 -(root1\_F129Atribute1) = 0 -(root1\_F127Atribute1) = 0 -(root1\_F128Atribute1) = 0 -(root1\_F136Atribute1) = 0 -(root1\_F137Atribute1) = 0 -(root1\_F134Atribute1) = 0 -(root1\_F30Atribute1) = 0 -(root1\_F135Atribute1) = -95 -(root1\_F132Atribute1) = -69 -(root1\_F31Atribute1) = 0 -(root1\_F133Atribute1) = -67 -(root1\_F130Atribute1) = 0 -(root1\_F33Atribute1) = 0 -(root1\_F131Atribute1) = 0 -(root1\_F35Atribute1) = 0 -(root1\_F37Atribute1) = 0 -(root1\_F38Atribute1) = 0 -(root1\_F39Atribute1) = 0 -(root1\_F80Atribute1) = -94 -(root1\_F82Atribute1) = -90 -(root1\_F103Atribute1) = 0 -(root1\_F83Atribute1) = -17 -(root1\_F104Atribute1) = -99 -(root1\_F84Atribute1) = -11 -(root1\_F101Atribute1) = -21 -(root1\_F102Atribute1) = -19 -(root1\_F86Atribute1) = 0 -(root1\_F100Atribute1) = -85 -(root1\_F87Atribute1) = 0 -(root1\_F88Atribute1) = -82 -(root1\_F89Atribute1) = 0 -(root1\_F109Atribute1) = 0 -(root1\_F107Atribute1) = -72 -(root1\_F108Atribute1) = -92 -(root1\_F90Atribute1) = -15 -(root1\_F105Atribute1) = -93 -(root1\_F91Atribute1) = -98 -(root1\_F106Atribute1) = -91 -(root1\_F92Atribute1) = -32 -(root1\_F114Atribute1) = 0 -(root1\_F93Atribute1) = 0 -(root1\_F94Atribute1) = -80 -(root1\_F96Atribute1) = 0 -(root1\_F113Atribute1) = 0 -(root1\_F97Atribute1) = 0 -(root1\_F110Atribute1) = 0 -(root1\_F10Atribute1) = -46 -(root1\_F11Atribute1) = 0 -(root1\_F99Atribute1) = 0 -(root1\_F13Atribute1) = 0 -(root1\_F15Atribute1) = -74 -(root1\_F16Atribute1) = -17 -(root1\_F17Atribute1) = 0 -(root1\_F18Atribute1) = -15 -(root1\_F19Atribute1) = -72 totalAtribute0 = 2700 totalAtribute1 = -2564 .

- Solution #2 found. Solver[Solver-0], 2 Solutions, Resolution time 0.142s, 33 Nodes (232.1 n/s), 1 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_F1 = 1 feature\_root1\_F18 = 1 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 1 feature\_root1\_F75 = 0 feature\_root1\_F76 = 1 feature\_root1\_F77 = 1 feature\_root1\_F118 = 0 feature\_root1\_F78 = 1 feature\_root1\_F79 = 0 feature\_root1\_F80 = 1 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 1 feature\_root1\_F83 = 1 feature\_root1\_F84 = 1 feature\_root1\_F65 = 1 feature\_root1\_F66 = 1 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 1 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 1 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 0 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 0 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 0 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 0 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 15 TMP\_0 = 0 not(TMP\_0) = 1 TMP\_1 = 0 not(TMP\_1) = 1 TMP\_2 = 1 not(TMP\_2) = 0 TMP\_3 = 1 not(TMP\_3) = 0 root1\_F18Atribute0 = 86 TMP\_4 = 0 not(TMP\_4) = 1 TMP\_5 = 0 not(TMP\_5) = 1 TMP\_6 = 1 not(TMP\_6) = 0 TMP\_7 = 1 not(TMP\_7) = 0 root1\_F19Atribute1 = 72 TMP\_8 = 0 not(TMP\_8) = 1 TMP\_9 = 0 not(TMP\_9) = 1 TMP\_10 = 1 not(TMP\_10) = 0 TMP\_11 = 1 not(TMP\_11) = 0 root1\_F19Atribute0 = 64 TMP\_12 = 0 not(TMP\_12) = 1 TMP\_13 = 0 not(TMP\_13) = 1 TMP\_14 = 1 not(TMP\_14) = 0 TMP\_15 = 1 not(TMP\_15) = 0 root1\_F20Atribute1 = 15 TMP\_16 = 0 not(TMP\_16) = 1 TMP\_17 = 0 not(TMP\_17) = 1 TMP\_18 = 1 not(TMP\_18) = 0 TMP\_19 = 1 not(TMP\_19) = 0 root1\_F20Atribute0 = 61 TMP\_20 = 0 not(TMP\_20) = 1 TMP\_21 = 0 not(TMP\_21) = 1 TMP\_22 = 1 not(TMP\_22) = 0 TMP\_23 = 1 not(TMP\_23) = 0 root1\_F140Atribute1 = 0 TMP\_24 = 1 not(TMP\_24) = 0 TMP\_25 = 1 not(TMP\_25) = 0 TMP\_26 = 0 not(TMP\_26) = 1 TMP\_27 = 0 not(TMP\_27) = 1 root1\_F140Atribute0 = 0 TMP\_28 = 1 not(TMP\_28) = 0 TMP\_29 = 1 not(TMP\_29) = 0 TMP\_30 = 0 not(TMP\_30) = 1 TMP\_31 = 0 not(TMP\_31) = 1 root1\_F141Atribute1 = 0 TMP\_32 = 1 not(TMP\_32) = 0 TMP\_33 = 1 not(TMP\_33) = 0 TMP\_34 = 0 not(TMP\_34) = 1 TMP\_35 = 0 not(TMP\_35) = 1 root1\_F141Atribute0 = 0 TMP\_36 = 1 not(TMP\_36) = 0 TMP\_37 = 1 not(TMP\_37) = 0 TMP\_38 = 0 not(TMP\_38) = 1 TMP\_39 = 0 not(TMP\_39) = 1 root1\_F142Atribute1 = 0 TMP\_40 = 1 not(TMP\_40) = 0 TMP\_41 = 1 not(TMP\_41) = 0 TMP\_42 = 0 not(TMP\_42) = 1 TMP\_43 = 0 not(TMP\_43) = 1 root1\_F142Atribute0 = 0 TMP\_44 = 1 not(TMP\_44) = 0 TMP\_45 = 1 not(TMP\_45) = 0 TMP\_46 = 0 not(TMP\_46) = 1 TMP\_47 = 0 not(TMP\_47) = 1 root1\_F143Atribute1 = 0 TMP\_48 = 1 not(TMP\_48) = 0 TMP\_49 = 1 not(TMP\_49) = 0 TMP\_50 = 0 not(TMP\_50) = 1 TMP\_51 = 0 not(TMP\_51) = 1 root1\_F143Atribute0 = 0 TMP\_52 = 1 not(TMP\_52) = 0 TMP\_53 = 1 not(TMP\_53) = 0 TMP\_54 = 0 not(TMP\_54) = 1 TMP\_55 = 0 not(TMP\_55) = 1 root1\_F144Atribute1 = 0 TMP\_56 = 1 not(TMP\_56) = 0 TMP\_57 = 1 not(TMP\_57) = 0 TMP\_58 = 0 not(TMP\_58) = 1 TMP\_59 = 0 not(TMP\_59) = 1 root1\_F144Atribute0 = 0 TMP\_60 = 1 not(TMP\_60) = 0 TMP\_61 = 1 not(TMP\_61) = 0 TMP\_62 = 0 not(TMP\_62) = 1 TMP\_63 = 0 not(TMP\_63) = 1 root1\_F22Atribute1 = 51 TMP\_64 = 0 not(TMP\_64) = 1 TMP\_65 = 0 not(TMP\_65) = 1 TMP\_66 = 1 not(TMP\_66) = 0 TMP\_67 = 1 not(TMP\_67) = 0 root1\_F22Atribute0 = 69 TMP\_68 = 0 not(TMP\_68) = 1 TMP\_69 = 0 not(TMP\_69) = 1 TMP\_70 = 1 not(TMP\_70) = 0 TMP\_71 = 1 not(TMP\_71) = 0 root1\_F54Atribute1 = 32 TMP\_72 = 0 not(TMP\_72) = 1 TMP\_73 = 0 not(TMP\_73) = 1 TMP\_74 = 1 not(TMP\_74) = 0 TMP\_75 = 1 not(TMP\_75) = 0 root1\_F54Atribute0 = 96 TMP\_76 = 0 not(TMP\_76) = 1 TMP\_77 = 0 not(TMP\_77) = 1 TMP\_78 = 1 not(TMP\_78) = 0 TMP\_79 = 1 not(TMP\_79) = 0 root1\_F55Atribute1 = 12 TMP\_80 = 0 not(TMP\_80) = 1 TMP\_81 = 0 not(TMP\_81) = 1 TMP\_82 = 1 not(TMP\_82) = 0 TMP\_83 = 1 not(TMP\_83) = 0 root1\_F55Atribute0 = 76 TMP\_84 = 0 not(TMP\_84) = 1 TMP\_85 = 0 not(TMP\_85) = 1 TMP\_86 = 1 not(TMP\_86) = 0 TMP\_87 = 1 not(TMP\_87) = 0 root1\_F56Atribute1 = 0 TMP\_88 = 1 not(TMP\_88) = 0 TMP\_89 = 1 not(TMP\_89) = 0 TMP\_90 = 0 not(TMP\_90) = 1 TMP\_91 = 0 not(TMP\_91) = 1 root1\_F56Atribute0 = 0 TMP\_92 = 1 not(TMP\_92) = 0 TMP\_93 = 1 not(TMP\_93) = 0 TMP\_94 = 0 not(TMP\_94) = 1 TMP\_95 = 0 not(TMP\_95) = 1 root1\_F132Atribute1 = 69 TMP\_96 = 0 not(TMP\_96) = 1 TMP\_97 = 0 not(TMP\_97) = 1 TMP\_98 = 1 not(TMP\_98) = 0 TMP\_99 = 1 not(TMP\_99) = 0 root1\_F132Atribute0 = 61 TMP\_100 = 0 not(TMP\_100) = 1 TMP\_101 = 0 not(TMP\_101) = 1 TMP\_102 = 1 not(TMP\_102) = 0 TMP\_103 = 1 not(TMP\_103) = 0 root1\_F58Atribute1 = 61 TMP\_104 = 0 not(TMP\_104) = 1 TMP\_105 = 0 not(TMP\_105) = 1 TMP\_106 = 1 not(TMP\_106) = 0 TMP\_107 = 1 not(TMP\_107) = 0 root1\_F58Atribute0 = 39 TMP\_108 = 0 not(TMP\_108) = 1 TMP\_109 = 0 not(TMP\_109) = 1 TMP\_110 = 1 not(TMP\_110) = 0 TMP\_111 = 1 not(TMP\_111) = 0 root1\_F59Atribute1 = 49 TMP\_112 = 0 not(TMP\_112) = 1 TMP\_113 = 0 not(TMP\_113) = 1 TMP\_114 = 1 not(TMP\_114) = 0 TMP\_115 = 1 not(TMP\_115) = 0 root1\_F59Atribute0 = 93 TMP\_116 = 0 not(TMP\_116) = 1 TMP\_117 = 0 not(TMP\_117) = 1 TMP\_118 = 1 not(TMP\_118) = 0 TMP\_119 = 1 not(TMP\_119) = 0 root1\_F60Atribute1 = 1 TMP\_120 = 0 not(TMP\_120) = 1 TMP\_121 = 0 not(TMP\_121) = 1 TMP\_122 = 1 not(TMP\_122) = 0 TMP\_123 = 1 not(TMP\_123) = 0 root1\_F60Atribute0 = 44 TMP\_124 = 0 not(TMP\_124) = 1 TMP\_125 = 0 not(TMP\_125) = 1 TMP\_126 = 1 not(TMP\_126) = 0 TMP\_127 = 1 not(TMP\_127) = 0 root1\_F61Atribute1 = 0 TMP\_128 = 1 not(TMP\_128) = 0 TMP\_129 = 1 not(TMP\_129) = 0 TMP\_130 = 0 not(TMP\_130) = 1 TMP\_131 = 0 not(TMP\_131) = 1 root1\_F61Atribute0 = 0 TMP\_132 = 1 not(TMP\_132) = 0 TMP\_133 = 1 not(TMP\_133) = 0 TMP\_134 = 0 not(TMP\_134) = 1 TMP\_135 = 0 not(TMP\_135) = 1 root1\_F62Atribute1 = 74 TMP\_136 = 0 not(TMP\_136) = 1 TMP\_137 = 0 not(TMP\_137) = 1 TMP\_138 = 1 not(TMP\_138) = 0 TMP\_139 = 1 not(TMP\_139) = 0 root1\_F62Atribute0 = 47 TMP\_140 = 0 not(TMP\_140) = 1 TMP\_141 = 0 not(TMP\_141) = 1 TMP\_142 = 1 not(TMP\_142) = 0 TMP\_143 = 1 not(TMP\_143) = 0 root1\_F63Atribute1 = 15 TMP\_144 = 0 not(TMP\_144) = 1 TMP\_145 = 0 not(TMP\_145) = 1 TMP\_146 = 1 not(TMP\_146) = 0 TMP\_147 = 1 not(TMP\_147) = 0 root1\_F63Atribute0 = 27 TMP\_148 = 0 not(TMP\_148) = 1 TMP\_149 = 0 not(TMP\_149) = 1 TMP\_150 = 1 not(TMP\_150) = 0 TMP\_151 = 1 not(TMP\_151) = 0 root1\_F75Atribute1 = 0 TMP\_152 = 1 not(TMP\_152) = 0 TMP\_153 = 1 not(TMP\_153) = 0 TMP\_154 = 0 not(TMP\_154) = 1 TMP\_155 = 0 not(TMP\_155) = 1 root1\_F75Atribute0 = 0 TMP\_156 = 1 not(TMP\_156) = 0 TMP\_157 = 1 not(TMP\_157) = 0 TMP\_158 = 0 not(TMP\_158) = 1 TMP\_159 = 0 not(TMP\_159) = 1 root1\_F76Atribute1 = 31 TMP\_160 = 0 not(TMP\_160) = 1 TMP\_161 = 0 not(TMP\_161) = 1 TMP\_162 = 1 not(TMP\_162) = 0 TMP\_163 = 1 not(TMP\_163) = 0 root1\_F76Atribute0 = 62 TMP\_164 = 0 not(TMP\_164) = 1 TMP\_165 = 0 not(TMP\_165) = 1 TMP\_166 = 1 not(TMP\_166) = 0 TMP\_167 = 1 not(TMP\_167) = 0 root1\_F118Atribute1 = 0 TMP\_168 = 1 not(TMP\_168) = 0 TMP\_169 = 1 not(TMP\_169) = 0 TMP\_170 = 0 not(TMP\_170) = 1 TMP\_171 = 0 not(TMP\_171) = 1 root1\_F118Atribute0 = 0 TMP\_172 = 1 not(TMP\_172) = 0 TMP\_173 = 1 not(TMP\_173) = 0 TMP\_174 = 0 not(TMP\_174) = 1 TMP\_175 = 0 not(TMP\_175) = 1 root1\_F78Atribute1 = 15 TMP\_176 = 0 not(TMP\_176) = 1 TMP\_177 = 0 not(TMP\_177) = 1 TMP\_178 = 1 not(TMP\_178) = 0 TMP\_179 = 1 not(TMP\_179) = 0 root1\_F78Atribute0 = 75 TMP\_180 = 0 not(TMP\_180) = 1 TMP\_181 = 0 not(TMP\_181) = 1 TMP\_182 = 1 not(TMP\_182) = 0 TMP\_183 = 1 not(TMP\_183) = 0 root1\_F79Atribute1 = 0 TMP\_184 = 1 not(TMP\_184) = 0 TMP\_185 = 1 not(TMP\_185) = 0 TMP\_186 = 0 not(TMP\_186) = 1 TMP\_187 = 0 not(TMP\_187) = 1 root1\_F79Atribute0 = 0 TMP\_188 = 1 not(TMP\_188) = 0 TMP\_189 = 1 not(TMP\_189) = 0 TMP\_190 = 0 not(TMP\_190) = 1 TMP\_191 = 0 not(TMP\_191) = 1 root1\_F80Atribute1 = 94 TMP\_192 = 0 not(TMP\_192) = 1 TMP\_193 = 0 not(TMP\_193) = 1 TMP\_194 = 1 not(TMP\_194) = 0 TMP\_195 = 1 not(TMP\_195) = 0 root1\_F80Atribute0 = 1 TMP\_196 = 0 not(TMP\_196) = 1 TMP\_197 = 0 not(TMP\_197) = 1 TMP\_198 = 1 not(TMP\_198) = 0 TMP\_199 = 1 not(TMP\_199) = 0 root1\_F124Atribute1 = 0 TMP\_200 = 1 not(TMP\_200) = 0 TMP\_201 = 1 not(TMP\_201) = 0 TMP\_202 = 0 not(TMP\_202) = 1 TMP\_203 = 0 not(TMP\_203) = 1 root1\_F124Atribute0 = 0 TMP\_204 = 1 not(TMP\_204) = 0 TMP\_205 = 1 not(TMP\_205) = 0 TMP\_206 = 0 not(TMP\_206) = 1 TMP\_207 = 0 not(TMP\_207) = 1 root1\_F125Atribute1 = 0 TMP\_208 = 1 not(TMP\_208) = 0 TMP\_209 = 1 not(TMP\_209) = 0 TMP\_210 = 0 not(TMP\_210) = 1 TMP\_211 = 0 not(TMP\_211) = 1 root1\_F125Atribute0 = 0 TMP\_212 = 1 not(TMP\_212) = 0 TMP\_213 = 1 not(TMP\_213) = 0 TMP\_214 = 0 not(TMP\_214) = 1 TMP\_215 = 0 not(TMP\_215) = 1 root1\_F126Atribute1 = 0 TMP\_216 = 1 not(TMP\_216) = 0 TMP\_217 = 1 not(TMP\_217) = 0 TMP\_218 = 0 not(TMP\_218) = 1 TMP\_219 = 0 not(TMP\_219) = 1 root1\_F126Atribute0 = 0 TMP\_220 = 1 not(TMP\_220) = 0 TMP\_221 = 1 not(TMP\_221) = 0 TMP\_222 = 0 not(TMP\_222) = 1 TMP\_223 = 0 not(TMP\_223) = 1 root1\_F127Atribute1 = 0 TMP\_224 = 1 not(TMP\_224) = 0 TMP\_225 = 1 not(TMP\_225) = 0 TMP\_226 = 0 not(TMP\_226) = 1 TMP\_227 = 0 not(TMP\_227) = 1 root1\_F127Atribute0 = 0 TMP\_228 = 1 not(TMP\_228) = 0 TMP\_229 = 1 not(TMP\_229) = 0 TMP\_230 = 0 not(TMP\_230) = 1 TMP\_231 = 0 not(TMP\_231) = 1 root1\_F128Atribute1 = 0 TMP\_232 = 1 not(TMP\_232) = 0 TMP\_233 = 1 not(TMP\_233) = 0 TMP\_234 = 0 not(TMP\_234) = 1 TMP\_235 = 0 not(TMP\_235) = 1 root1\_F128Atribute0 = 0 TMP\_236 = 1 not(TMP\_236) = 0 TMP\_237 = 1 not(TMP\_237) = 0 TMP\_238 = 0 not(TMP\_238) = 1 TMP\_239 = 0 not(TMP\_239) = 1 root1\_F129Atribute1 = 0 TMP\_240 = 1 not(TMP\_240) = 0 TMP\_241 = 1 not(TMP\_241) = 0 TMP\_242 = 0 not(TMP\_242) = 1 TMP\_243 = 0 not(TMP\_243) = 1 root1\_F129Atribute0 = 0 TMP\_244 = 1 not(TMP\_244) = 0 TMP\_245 = 1 not(TMP\_245) = 0 TMP\_246 = 0 not(TMP\_246) = 1 TMP\_247 = 0 not(TMP\_247) = 1 root1\_F130Atribute1 = 0 TMP\_248 = 1 not(TMP\_248) = 0 TMP\_249 = 1 not(TMP\_249) = 0 TMP\_250 = 0 not(TMP\_250) = 1 TMP\_251 = 0 not(TMP\_251) = 1 root1\_F130Atribute0 = 0 TMP\_252 = 1 not(TMP\_252) = 0 TMP\_253 = 1 not(TMP\_253) = 0 TMP\_254 = 0 not(TMP\_254) = 1 TMP\_255 = 0 not(TMP\_255) = 1 root1\_F131Atribute1 = 0 TMP\_256 = 1 not(TMP\_256) = 0 TMP\_257 = 1 not(TMP\_257) = 0 TMP\_258 = 0 not(TMP\_258) = 1 TMP\_259 = 0 not(TMP\_259) = 1 root1\_F131Atribute0 = 0 TMP\_260 = 1 not(TMP\_260) = 0 TMP\_261 = 1 not(TMP\_261) = 0 TMP\_262 = 0 not(TMP\_262) = 1 TMP\_263 = 0 not(TMP\_263) = 1 root1\_F86Atribute1 = 0 TMP\_264 = 1 not(TMP\_264) = 0 TMP\_265 = 1 not(TMP\_265) = 0 TMP\_266 = 0 not(TMP\_266) = 1 TMP\_267 = 0 not(TMP\_267) = 1 root1\_F86Atribute0 = 0 TMP\_268 = 1 not(TMP\_268) = 0 TMP\_269 = 1 not(TMP\_269) = 0 TMP\_270 = 0 not(TMP\_270) = 1 TMP\_271 = 0 not(TMP\_271) = 1 root1\_F82Atribute1 = 90 TMP\_272 = 0 not(TMP\_272) = 1 TMP\_273 = 0 not(TMP\_273) = 1 TMP\_274 = 1 not(TMP\_274) = 0 TMP\_275 = 1 not(TMP\_275) = 0 root1\_F82Atribute0 = 41 TMP\_276 = 0 not(TMP\_276) = 1 TMP\_277 = 0 not(TMP\_277) = 1 TMP\_278 = 1 not(TMP\_278) = 0 TMP\_279 = 1 not(TMP\_279) = 0 root1\_F83Atribute1 = 17 TMP\_280 = 0 not(TMP\_280) = 1 TMP\_281 = 0 not(TMP\_281) = 1 TMP\_282 = 1 not(TMP\_282) = 0 TMP\_283 = 1 not(TMP\_283) = 0 root1\_F83Atribute0 = 25 TMP\_284 = 0 not(TMP\_284) = 1 TMP\_285 = 0 not(TMP\_285) = 1 TMP\_286 = 1 not(TMP\_286) = 0 TMP\_287 = 1 not(TMP\_287) = 0 root1\_F84Atribute1 = 11 TMP\_288 = 0 not(TMP\_288) = 1 TMP\_289 = 0 not(TMP\_289) = 1 TMP\_290 = 1 not(TMP\_290) = 0 TMP\_291 = 1 not(TMP\_291) = 0 root1\_F84Atribute0 = 68 TMP\_292 = 0 not(TMP\_292) = 1 TMP\_293 = 0 not(TMP\_293) = 1 TMP\_294 = 1 not(TMP\_294) = 0 TMP\_295 = 1 not(TMP\_295) = 0 root1\_F65Atribute1 = 32 TMP\_296 = 0 not(TMP\_296) = 1 TMP\_297 = 0 not(TMP\_297) = 1 TMP\_298 = 1 not(TMP\_298) = 0 TMP\_299 = 1 not(TMP\_299) = 0 root1\_F65Atribute0 = 80 TMP\_300 = 0 not(TMP\_300) = 1 TMP\_301 = 0 not(TMP\_301) = 1 TMP\_302 = 1 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TMP\_811 = 1 not(TMP\_811) = 0 TMP\_812 = 0 not(TMP\_812) = 1 TMP\_813 = 0 not(TMP\_813) = 1 root1\_F117Atribute1 = 0 TMP\_814 = 1 not(TMP\_814) = 0 TMP\_815 = 1 not(TMP\_815) = 0 TMP\_816 = 0 not(TMP\_816) = 1 TMP\_817 = 0 not(TMP\_817) = 1 root1\_F117Atribute0 = 0 TMP\_818 = 1 not(TMP\_818) = 0 TMP\_819 = 1 not(TMP\_819) = 0 TMP\_820 = 0 not(TMP\_820) = 1 TMP\_821 = 0 not(TMP\_821) = 1 root1\_F49Atribute1 = 0 TMP\_822 = 1 not(TMP\_822) = 0 TMP\_823 = 1 not(TMP\_823) = 0 TMP\_824 = 0 not(TMP\_824) = 1 TMP\_825 = 0 not(TMP\_825) = 1 root1\_F49Atribute0 = 0 TMP\_826 = 1 not(TMP\_826) = 0 TMP\_827 = 1 not(TMP\_827) = 0 TMP\_828 = 0 not(TMP\_828) = 1 TMP\_829 = 0 not(TMP\_829) = 1 root1\_F43Atribute1 = 0 TMP\_830 = 1 not(TMP\_830) = 0 TMP\_831 = 1 not(TMP\_831) = 0 TMP\_832 = 0 not(TMP\_832) = 1 TMP\_833 = 0 not(TMP\_833) = 1 root1\_F43Atribute0 = 0 TMP\_834 = 1 not(TMP\_834) = 0 TMP\_835 = 1 not(TMP\_835) = 0 TMP\_836 = 0 not(TMP\_836) = 1 TMP\_837 = 0 not(TMP\_837) = 1 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= 1 TMP\_865 = 0 not(TMP\_865) = 1 root1\_F13Atribute0 = 0 TMP\_866 = 1 not(TMP\_866) = 0 TMP\_867 = 1 not(TMP\_867) = 0 TMP\_868 = 0 not(TMP\_868) = 1 TMP\_869 = 0 not(TMP\_869) = 1 root1\_F50Atribute1 = 0 TMP\_870 = 1 not(TMP\_870) = 0 TMP\_871 = 1 not(TMP\_871) = 0 TMP\_872 = 0 not(TMP\_872) = 1 TMP\_873 = 0 not(TMP\_873) = 1 root1\_F50Atribute0 = 0 TMP\_874 = 1 not(TMP\_874) = 0 TMP\_875 = 1 not(TMP\_875) = 0 TMP\_876 = 0 not(TMP\_876) = 1 TMP\_877 = 0 not(TMP\_877) = 1 root1\_F153Atribute1 = 50 TMP\_878 = 0 not(TMP\_878) = 1 TMP\_879 = 0 not(TMP\_879) = 1 TMP\_880 = 1 not(TMP\_880) = 0 TMP\_881 = 1 not(TMP\_881) = 0 root1\_F153Atribute0 = 88 TMP\_882 = 0 not(TMP\_882) = 1 TMP\_883 = 0 not(TMP\_883) = 1 TMP\_884 = 1 not(TMP\_884) = 0 TMP\_885 = 1 not(TMP\_885) = 0 root1\_F154Atribute1 = 38 TMP\_886 = 0 not(TMP\_886) = 1 TMP\_887 = 0 not(TMP\_887) = 1 TMP\_888 = 1 not(TMP\_888) = 0 TMP\_889 = 1 not(TMP\_889) = 0 root1\_F154Atribute0 = 34 TMP\_890 = 0 not(TMP\_890) = 1 TMP\_891 = 0 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= 67 TMP\_918 = 0 not(TMP\_918) = 1 TMP\_919 = 0 not(TMP\_919) = 1 TMP\_920 = 1 not(TMP\_920) = 0 TMP\_921 = 1 not(TMP\_921) = 0 root1\_F133Atribute0 = 26 TMP\_922 = 0 not(TMP\_922) = 1 TMP\_923 = 0 not(TMP\_923) = 1 TMP\_924 = 1 not(TMP\_924) = 0 TMP\_925 = 1 not(TMP\_925) = 0 root1\_F134Atribute1 = 0 TMP\_926 = 1 not(TMP\_926) = 0 TMP\_927 = 1 not(TMP\_927) = 0 TMP\_928 = 0 not(TMP\_928) = 1 TMP\_929 = 0 not(TMP\_929) = 1 root1\_F134Atribute0 = 0 TMP\_930 = 1 not(TMP\_930) = 0 TMP\_931 = 1 not(TMP\_931) = 0 TMP\_932 = 0 not(TMP\_932) = 1 TMP\_933 = 0 not(TMP\_933) = 1 root1\_F135Atribute1 = 95 TMP\_934 = 0 not(TMP\_934) = 1 TMP\_935 = 0 not(TMP\_935) = 1 TMP\_936 = 1 not(TMP\_936) = 0 TMP\_937 = 1 not(TMP\_937) = 0 root1\_F135Atribute0 = 68 TMP\_938 = 0 not(TMP\_938) = 1 TMP\_939 = 0 not(TMP\_939) = 1 TMP\_940 = 1 not(TMP\_940) = 0 TMP\_941 = 1 not(TMP\_941) = 0 root1\_F15Atribute1 = 74 TMP\_942 = 0 not(TMP\_942) = 1 TMP\_943 = 0 not(TMP\_943) = 1 TMP\_944 = 1 not(TMP\_944) = 0 TMP\_945 = 1 not(TMP\_945) = 0 root1\_F15Atribute0 = 78 TMP\_946 = 0 not(TMP\_946) = 1 TMP\_947 = 0 not(TMP\_947) = 1 TMP\_948 = 1 not(TMP\_948) = 0 TMP\_949 = 1 not(TMP\_949) = 0 root1\_F16Atribute1 = 17 TMP\_950 = 0 not(TMP\_950) = 1 TMP\_951 = 0 not(TMP\_951) = 1 TMP\_952 = 1 not(TMP\_952) = 0 TMP\_953 = 1 not(TMP\_953) = 0 root1\_F16Atribute0 = 66 TMP\_954 = 0 not(TMP\_954) = 1 TMP\_955 = 0 not(TMP\_955) = 1 TMP\_956 = 1 not(TMP\_956) = 0 TMP\_957 = 1 not(TMP\_957) = 0 root1\_F17Atribute1 = 0 TMP\_958 = 1 not(TMP\_958) = 0 TMP\_959 = 1 not(TMP\_959) = 0 TMP\_960 = 0 not(TMP\_960) = 1 TMP\_961 = 0 not(TMP\_961) = 1 root1\_F17Atribute0 = 0 TMP\_962 = 1 not(TMP\_962) = 0 TMP\_963 = 1 not(TMP\_963) = 0 TMP\_964 = 0 not(TMP\_964) = 1 TMP\_965 = 0 not(TMP\_965) = 1 root1\_F6Atribute1 = 98 TMP\_966 = 0 not(TMP\_966) = 1 TMP\_967 = 0 not(TMP\_967) = 1 TMP\_968 = 1 not(TMP\_968) = 0 TMP\_969 = 1 not(TMP\_969) = 0 root1\_F6Atribute0 = 44 TMP\_970 = 0 not(TMP\_970) = 1 TMP\_971 = 0 not(TMP\_971) = 1 TMP\_972 = 1 not(TMP\_972) = 0 TMP\_973 = 1 not(TMP\_973) = 0 root1\_F88Atribute1 = 82 TMP\_974 = 0 not(TMP\_974) = 1 TMP\_975 = 0 not(TMP\_975) = 1 TMP\_976 = 1 not(TMP\_976) = 0 TMP\_977 = 1 not(TMP\_977) = 0 root1\_F88Atribute0 = 30 TMP\_978 = 0 not(TMP\_978) = 1 TMP\_979 = 0 not(TMP\_979) = 1 TMP\_980 = 1 not(TMP\_980) = 0 TMP\_981 = 1 not(TMP\_981) = 0 root1\_F89Atribute1 = 0 TMP\_982 = 1 not(TMP\_982) = 0 TMP\_983 = 1 not(TMP\_983) = 0 TMP\_984 = 0 not(TMP\_984) = 1 TMP\_985 = 0 not(TMP\_985) = 1 root1\_F89Atribute0 = 0 TMP\_986 = 1 not(TMP\_986) = 0 TMP\_987 = 1 not(TMP\_987) = 0 TMP\_988 = 0 not(TMP\_988) = 1 TMP\_989 = 0 not(TMP\_989) = 1 root1\_F90Atribute1 = 15 TMP\_990 = 0 not(TMP\_990) = 1 TMP\_991 = 0 not(TMP\_991) = 1 TMP\_992 = 1 not(TMP\_992) = 0 TMP\_993 = 1 not(TMP\_993) = 0 root1\_F90Atribute0 = 14 TMP\_994 = 0 not(TMP\_994) = 1 TMP\_995 = 0 not(TMP\_995) = 1 TMP\_996 = 1 not(TMP\_996) = 0 TMP\_997 = 1 not(TMP\_997) = 0 root1\_F91Atribute1 = 98 TMP\_998 = 0 not(TMP\_998) = 1 TMP\_999 = 0 not(TMP\_999) = 1 TMP\_1000 = 1 not(TMP\_1000) = 0 TMP\_1001 = 1 not(TMP\_1001) = 0 root1\_F91Atribute0 = 98 TMP\_1002 = 0 not(TMP\_1002) = 1 TMP\_1003 = 0 not(TMP\_1003) = 1 TMP\_1004 = 1 not(TMP\_1004) = 0 TMP\_1005 = 1 not(TMP\_1005) = 0 root1\_F92Atribute1 = 32 TMP\_1006 = 0 not(TMP\_1006) = 1 TMP\_1007 = 0 not(TMP\_1007) = 1 TMP\_1008 = 1 not(TMP\_1008) = 0 TMP\_1009 = 1 not(TMP\_1009) = 0 root1\_F92Atribute0 = 95 TMP\_1010 = 0 not(TMP\_1010) = 1 TMP\_1011 = 0 not(TMP\_1011) = 1 TMP\_1012 = 1 not(TMP\_1012) = 0 TMP\_1013 = 1 not(TMP\_1013) = 0 root1\_F93Atribute1 = 0 TMP\_1014 = 1 not(TMP\_1014) = 0 TMP\_1015 = 1 not(TMP\_1015) = 0 TMP\_1016 = 0 not(TMP\_1016) = 1 TMP\_1017 = 0 not(TMP\_1017) = 1 root1\_F93Atribute0 = 0 TMP\_1018 = 1 not(TMP\_1018) = 0 TMP\_1019 = 1 not(TMP\_1019) = 0 TMP\_1020 = 0 not(TMP\_1020) = 1 TMP\_1021 = 0 not(TMP\_1021) = 1 root1\_F94Atribute1 = 80 TMP\_1022 = 0 not(TMP\_1022) = 1 TMP\_1023 = 0 not(TMP\_1023) = 1 TMP\_1024 = 1 not(TMP\_1024) = 0 TMP\_1025 = 1 not(TMP\_1025) = 0 root1\_F94Atribute0 = 26 TMP\_1026 = 0 not(TMP\_1026) = 1 TMP\_1027 = 0 not(TMP\_1027) = 1 TMP\_1028 = 1 not(TMP\_1028) = 0 TMP\_1029 = 1 not(TMP\_1029) = 0 sumOrroot1\_F23 = 1 TMP\_1030 = 1 not(TMP\_1030) = 0 not(feature\_root1\_F23) = 0 TMP\_1031 = 0 not(TMP\_1031) = 1 sumOrroot1\_F64 = 1 TMP\_1032 = 1 not(TMP\_1032) = 0 not(feature\_root1\_F64) = 0 TMP\_1033 = 0 not(TMP\_1033) = 1 sumOrroot1\_F24 = 1 TMP\_1034 = 1 not(TMP\_1034) = 0 not(feature\_root1\_F24) = 0 TMP\_1035 = 0 not(TMP\_1035) = 1 sumOrroot1\_F24 = 1 TMP\_1036 = 1 not(TMP\_1036) = 0 TMP\_1037 = 0 not(TMP\_1037) = 1 sumOrroot1\_F73 = 3 TMP\_1038 = 1 not(TMP\_1038) = 0 not(feature\_root1\_F73) = 0 TMP\_1039 = 0 not(TMP\_1039) = 1 sumOrroot1\_F5 = 1 TMP\_1040 = 1 not(TMP\_1040) = 0 not(feature\_root1\_F5) = 0 TMP\_1041 = 0 not(TMP\_1041) = 1 sumOrroot1\_F12 = 0 TMP\_1042 = 0 not(TMP\_1042) = 1 not(feature\_root1\_F12) = 1 TMP\_1043 = 1 not(TMP\_1043) = 0 sumOrroot1\_F36 = 0 TMP\_1044 = 0 not(TMP\_1044) = 1 not(feature\_root1\_F36) = 1 TMP\_1045 = 1 not(TMP\_1045) = 0 sumOrroot1\_F34 = 0 TMP\_1046 = 0 not(TMP\_1046) = 1 not(feature\_root1\_F34) = 1 TMP\_1047 = 1 not(TMP\_1047) = 0 sumOrroot1\_F48 = 0 TMP\_1048 = 0 not(TMP\_1048) = 1 not(feature\_root1\_F48) = 1 TMP\_1049 = 1 not(TMP\_1049) = 0 sumOrroot1\_F112 = 0 TMP\_1050 = 0 not(TMP\_1050) = 1 not(feature\_root1\_F112) = 1 TMP\_1051 = 1 not(TMP\_1051) = 0 sumOrroot1\_F5 = 3 TMP\_1052 = 1 not(TMP\_1052) = 0 TMP\_1053 = 0 not(TMP\_1053) = 1 sumOrroot1\_F52 = 1 TMP\_1054 = 1 not(TMP\_1054) = 0 not(feature\_root1\_F52) = 0 TMP\_1055 = 0 not(TMP\_1055) = 1 sumOrroot1\_F7 = 1 TMP\_1056 = 1 not(TMP\_1056) = 0 not(feature\_root1\_F7) = 0 TMP\_1057 = 0 not(TMP\_1057) = 1 -(root1\_F60Atribute1) = -1 -(root1\_F61Atribute1) = 0 -(root1\_F62Atribute1) = -74 -(root1\_F63Atribute1) = -15 -(root1\_F65Atribute1) = -32 -(root1\_F66Atribute1) = -21 -(root1\_F67Atribute1) = 0 -(root1\_F68Atribute1) = 0 -(root1\_F69Atribute1) = -81 -(root1\_F70Atribute1) = 0 -(root1\_F71Atribute1) = -37 -(root1\_F72Atribute1) = 0 -(root1\_F74Atribute1) = -16 -(root1\_F75Atribute1) = 0 -(root1\_F76Atribute1) = -31 -(root1\_F78Atribute1) = -15 -(root1\_F79Atribute1) = 0 -(root1\_F138Atribute1) = 0 -(root1\_F139Atribute1) = 0 -(root1\_F147Atribute1) = 0 -(root1\_F148Atribute1) = 0 -(root1\_F145Atribute1) = 0 -(root1\_F41Atribute1) = 0 -(root1\_F146Atribute1) = 0 -(root1\_F143Atribute1) = 0 -(root1\_F144Atribute1) = 0 -(root1\_F43Atribute1) = 0 -(root1\_F141Atribute1) = 0 -(root1\_F44Atribute1) = 0 -(root1\_F142Atribute1) = 0 -(root1\_F45Atribute1) = 0 -(root1\_F46Atribute1) = 0 -(root1\_F140Atribute1) = 0 -(root1\_F47Atribute1) = 0 -(root1\_F49Atribute1) = 0 -(root1\_F149Atribute1) = 0 -(root1\_F158Atribute1) = 0 -(root1\_F159Atribute1) = 0 -(root1\_F50Atribute1) = 0 -(root1\_F156Atribute1) = -76 -(root1\_F157Atribute1) = -23 -(root1\_F154Atribute1) = -38 -(root1\_F54Atribute1) = -32 -(root1\_F155Atribute1) = -62 -(root1\_F55Atribute1) = -12 -(root1\_F152Atribute1) = 0 -(root1\_F56Atribute1) = 0 -(root1\_F153Atribute1) = -50 -(root1\_F150Atribute1) = 0 -(root1\_F58Atribute1) = -61 -(root1\_F151Atribute1) = 0 -(root1\_F59Atribute1) = -49 -(root1\_F118Atribute1) = 0 -(root1\_F119Atribute1) = 0 -(root1\_F116Atribute1) = 0 -(root1\_F117Atribute1) = 0 -(root1\_F125Atribute1) = 0 -(root1\_F126Atribute1) = 0 -(root1\_F123Atribute1) = 0 -(root1\_F124Atribute1) = 0 -(root1\_F20Atribute1) = -15 -(root1\_F121Atribute1) = 0 -(root1\_F122Atribute1) = 0 -(root1\_F22Atribute1) = -51 -(root1\_F120Atribute1) = 0 -(root1\_F25Atribute1) = -26 -(root1\_F27Atribute1) = 0 -(root1\_F28Atribute1) = 0 -(root1\_F29Atribute1) = 0 -(root1\_F6Atribute1) = -98 -(root1\_F9Atribute1) = -47 -(root1\_F8Atribute1) = 0 -(root1\_F2Atribute1) = -29 -(root1\_F4Atribute1) = -26 -(root1\_F129Atribute1) = 0 -(root1\_F127Atribute1) = 0 -(root1\_F128Atribute1) = 0 -(root1\_F136Atribute1) = 0 -(root1\_F137Atribute1) = 0 -(root1\_F134Atribute1) = 0 -(root1\_F30Atribute1) = 0 -(root1\_F135Atribute1) = -95 -(root1\_F132Atribute1) = -69 -(root1\_F31Atribute1) = 0 -(root1\_F133Atribute1) = -67 -(root1\_F130Atribute1) = 0 -(root1\_F33Atribute1) = 0 -(root1\_F131Atribute1) = 0 -(root1\_F35Atribute1) = 0 -(root1\_F37Atribute1) = 0 -(root1\_F38Atribute1) = 0 -(root1\_F39Atribute1) = 0 -(root1\_F80Atribute1) = -94 -(root1\_F82Atribute1) = -90 -(root1\_F103Atribute1) = -34 -(root1\_F83Atribute1) = -17 -(root1\_F104Atribute1) = -99 -(root1\_F84Atribute1) = -11 -(root1\_F101Atribute1) = -21 -(root1\_F102Atribute1) = -19 -(root1\_F86Atribute1) = 0 -(root1\_F100Atribute1) = -85 -(root1\_F87Atribute1) = 0 -(root1\_F88Atribute1) = -82 -(root1\_F89Atribute1) = 0 -(root1\_F109Atribute1) = 0 -(root1\_F107Atribute1) = -72 -(root1\_F108Atribute1) = -92 -(root1\_F90Atribute1) = -15 -(root1\_F105Atribute1) = -93 -(root1\_F91Atribute1) = -98 -(root1\_F106Atribute1) = -91 -(root1\_F92Atribute1) = -32 -(root1\_F114Atribute1) = 0 -(root1\_F93Atribute1) = 0 -(root1\_F94Atribute1) = -80 -(root1\_F96Atribute1) = 0 -(root1\_F113Atribute1) = 0 -(root1\_F97Atribute1) = 0 -(root1\_F110Atribute1) = 0 -(root1\_F10Atribute1) = -46 -(root1\_F11Atribute1) = 0 -(root1\_F99Atribute1) = 0 -(root1\_F13Atribute1) = 0 -(root1\_F15Atribute1) = -74 -(root1\_F16Atribute1) = -17 -(root1\_F17Atribute1) = 0 -(root1\_F18Atribute1) = -15 -(root1\_F19Atribute1) = -72 totalAtribute0 = 2728 totalAtribute1 = -2598 .

- Solution #3 found. Solver[Solver-0], 3 Solutions, Resolution time 0.155s, 35 Nodes (226.5 n/s), 3 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_F1 = 1 feature\_root1\_F18 = 1 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 1 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 1 feature\_root1\_F75 = 0 feature\_root1\_F76 = 1 feature\_root1\_F77 = 1 feature\_root1\_F118 = 0 feature\_root1\_F78 = 1 feature\_root1\_F79 = 0 feature\_root1\_F80 = 1 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 1 feature\_root1\_F83 = 1 feature\_root1\_F84 = 1 feature\_root1\_F65 = 1 feature\_root1\_F66 = 1 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 1 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 1 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 0 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 0 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 0 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 0 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 0 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 15 TMP\_0 = 0 not(TMP\_0) = 1 TMP\_1 = 0 not(TMP\_1) = 1 TMP\_2 = 1 not(TMP\_2) = 0 TMP\_3 = 1 not(TMP\_3) = 0 root1\_F18Atribute0 = 86 TMP\_4 = 0 not(TMP\_4) = 1 TMP\_5 = 0 not(TMP\_5) = 1 TMP\_6 = 1 not(TMP\_6) = 0 TMP\_7 = 1 not(TMP\_7) = 0 root1\_F19Atribute1 = 72 TMP\_8 = 0 not(TMP\_8) = 1 TMP\_9 = 0 not(TMP\_9) = 1 TMP\_10 = 1 not(TMP\_10) = 0 TMP\_11 = 1 not(TMP\_11) = 0 root1\_F19Atribute0 = 64 TMP\_12 = 0 not(TMP\_12) = 1 TMP\_13 = 0 not(TMP\_13) = 1 TMP\_14 = 1 not(TMP\_14) = 0 TMP\_15 = 1 not(TMP\_15) = 0 root1\_F20Atribute1 = 15 TMP\_16 = 0 not(TMP\_16) = 1 TMP\_17 = 0 not(TMP\_17) = 1 TMP\_18 = 1 not(TMP\_18) = 0 TMP\_19 = 1 not(TMP\_19) = 0 root1\_F20Atribute0 = 61 TMP\_20 = 0 not(TMP\_20) = 1 TMP\_21 = 0 not(TMP\_21) = 1 TMP\_22 = 1 not(TMP\_22) = 0 TMP\_23 = 1 not(TMP\_23) = 0 root1\_F140Atribute1 = 0 TMP\_24 = 1 not(TMP\_24) = 0 TMP\_25 = 1 not(TMP\_25) = 0 TMP\_26 = 0 not(TMP\_26) = 1 TMP\_27 = 0 not(TMP\_27) = 1 root1\_F140Atribute0 = 0 TMP\_28 = 1 not(TMP\_28) = 0 TMP\_29 = 1 not(TMP\_29) = 0 TMP\_30 = 0 not(TMP\_30) = 1 TMP\_31 = 0 not(TMP\_31) = 1 root1\_F141Atribute1 = 0 TMP\_32 = 1 not(TMP\_32) = 0 TMP\_33 = 1 not(TMP\_33) = 0 TMP\_34 = 0 not(TMP\_34) = 1 TMP\_35 = 0 not(TMP\_35) = 1 root1\_F141Atribute0 = 0 TMP\_36 = 1 not(TMP\_36) = 0 TMP\_37 = 1 not(TMP\_37) = 0 TMP\_38 = 0 not(TMP\_38) = 1 TMP\_39 = 0 not(TMP\_39) = 1 root1\_F142Atribute1 = 0 TMP\_40 = 1 not(TMP\_40) = 0 TMP\_41 = 1 not(TMP\_41) = 0 TMP\_42 = 0 not(TMP\_42) = 1 TMP\_43 = 0 not(TMP\_43) = 1 root1\_F142Atribute0 = 0 TMP\_44 = 1 not(TMP\_44) = 0 TMP\_45 = 1 not(TMP\_45) = 0 TMP\_46 = 0 not(TMP\_46) = 1 TMP\_47 = 0 not(TMP\_47) = 1 root1\_F143Atribute1 = 0 TMP\_48 = 1 not(TMP\_48) = 0 TMP\_49 = 1 not(TMP\_49) = 0 TMP\_50 = 0 not(TMP\_50) = 1 TMP\_51 = 0 not(TMP\_51) = 1 root1\_F143Atribute0 = 0 TMP\_52 = 1 not(TMP\_52) = 0 TMP\_53 = 1 not(TMP\_53) = 0 TMP\_54 = 0 not(TMP\_54) = 1 TMP\_55 = 0 not(TMP\_55) = 1 root1\_F144Atribute1 = 0 TMP\_56 = 1 not(TMP\_56) = 0 TMP\_57 = 1 not(TMP\_57) = 0 TMP\_58 = 0 not(TMP\_58) = 1 TMP\_59 = 0 not(TMP\_59) = 1 root1\_F144Atribute0 = 0 TMP\_60 = 1 not(TMP\_60) = 0 TMP\_61 = 1 not(TMP\_61) = 0 TMP\_62 = 0 not(TMP\_62) = 1 TMP\_63 = 0 not(TMP\_63) = 1 root1\_F22Atribute1 = 51 TMP\_64 = 0 not(TMP\_64) = 1 TMP\_65 = 0 not(TMP\_65) = 1 TMP\_66 = 1 not(TMP\_66) = 0 TMP\_67 = 1 not(TMP\_67) = 0 root1\_F22Atribute0 = 69 TMP\_68 = 0 not(TMP\_68) = 1 TMP\_69 = 0 not(TMP\_69) = 1 TMP\_70 = 1 not(TMP\_70) = 0 TMP\_71 = 1 not(TMP\_71) = 0 root1\_F54Atribute1 = 32 TMP\_72 = 0 not(TMP\_72) = 1 TMP\_73 = 0 not(TMP\_73) = 1 TMP\_74 = 1 not(TMP\_74) = 0 TMP\_75 = 1 not(TMP\_75) = 0 root1\_F54Atribute0 = 96 TMP\_76 = 0 not(TMP\_76) = 1 TMP\_77 = 0 not(TMP\_77) = 1 TMP\_78 = 1 not(TMP\_78) = 0 TMP\_79 = 1 not(TMP\_79) = 0 root1\_F55Atribute1 = 12 TMP\_80 = 0 not(TMP\_80) = 1 TMP\_81 = 0 not(TMP\_81) = 1 TMP\_82 = 1 not(TMP\_82) = 0 TMP\_83 = 1 not(TMP\_83) = 0 root1\_F55Atribute0 = 76 TMP\_84 = 0 not(TMP\_84) = 1 TMP\_85 = 0 not(TMP\_85) = 1 TMP\_86 = 1 not(TMP\_86) = 0 TMP\_87 = 1 not(TMP\_87) = 0 root1\_F56Atribute1 = 0 TMP\_88 = 1 not(TMP\_88) = 0 TMP\_89 = 1 not(TMP\_89) = 0 TMP\_90 = 0 not(TMP\_90) = 1 TMP\_91 = 0 not(TMP\_91) = 1 root1\_F56Atribute0 = 0 TMP\_92 = 1 not(TMP\_92) = 0 TMP\_93 = 1 not(TMP\_93) = 0 TMP\_94 = 0 not(TMP\_94) = 1 TMP\_95 = 0 not(TMP\_95) = 1 root1\_F132Atribute1 = 69 TMP\_96 = 0 not(TMP\_96) = 1 TMP\_97 = 0 not(TMP\_97) = 1 TMP\_98 = 1 not(TMP\_98) = 0 TMP\_99 = 1 not(TMP\_99) = 0 root1\_F132Atribute0 = 61 TMP\_100 = 0 not(TMP\_100) = 1 TMP\_101 = 0 not(TMP\_101) = 1 TMP\_102 = 1 not(TMP\_102) = 0 TMP\_103 = 1 not(TMP\_103) = 0 root1\_F58Atribute1 = 61 TMP\_104 = 0 not(TMP\_104) = 1 TMP\_105 = 0 not(TMP\_105) = 1 TMP\_106 = 1 not(TMP\_106) = 0 TMP\_107 = 1 not(TMP\_107) = 0 root1\_F58Atribute0 = 39 TMP\_108 = 0 not(TMP\_108) = 1 TMP\_109 = 0 not(TMP\_109) = 1 TMP\_110 = 1 not(TMP\_110) = 0 TMP\_111 = 1 not(TMP\_111) = 0 root1\_F59Atribute1 = 49 TMP\_112 = 0 not(TMP\_112) = 1 TMP\_113 = 0 not(TMP\_113) = 1 TMP\_114 = 1 not(TMP\_114) = 0 TMP\_115 = 1 not(TMP\_115) = 0 root1\_F59Atribute0 = 93 TMP\_116 = 0 not(TMP\_116) = 1 TMP\_117 = 0 not(TMP\_117) = 1 TMP\_118 = 1 not(TMP\_118) = 0 TMP\_119 = 1 not(TMP\_119) = 0 root1\_F60Atribute1 = 1 TMP\_120 = 0 not(TMP\_120) = 1 TMP\_121 = 0 not(TMP\_121) = 1 TMP\_122 = 1 not(TMP\_122) = 0 TMP\_123 = 1 not(TMP\_123) = 0 root1\_F60Atribute0 = 44 TMP\_124 = 0 not(TMP\_124) = 1 TMP\_125 = 0 not(TMP\_125) = 1 TMP\_126 = 1 not(TMP\_126) = 0 TMP\_127 = 1 not(TMP\_127) = 0 root1\_F61Atribute1 = 91 TMP\_128 = 0 not(TMP\_128) = 1 TMP\_129 = 0 not(TMP\_129) = 1 TMP\_130 = 1 not(TMP\_130) = 0 TMP\_131 = 1 not(TMP\_131) = 0 root1\_F61Atribute0 = 65 TMP\_132 = 0 not(TMP\_132) = 1 TMP\_133 = 0 not(TMP\_133) = 1 TMP\_134 = 1 not(TMP\_134) = 0 TMP\_135 = 1 not(TMP\_135) = 0 root1\_F62Atribute1 = 74 TMP\_136 = 0 not(TMP\_136) = 1 TMP\_137 = 0 not(TMP\_137) = 1 TMP\_138 = 1 not(TMP\_138) = 0 TMP\_139 = 1 not(TMP\_139) = 0 root1\_F62Atribute0 = 47 TMP\_140 = 0 not(TMP\_140) = 1 TMP\_141 = 0 not(TMP\_141) = 1 TMP\_142 = 1 not(TMP\_142) = 0 TMP\_143 = 1 not(TMP\_143) = 0 root1\_F63Atribute1 = 15 TMP\_144 = 0 not(TMP\_144) = 1 TMP\_145 = 0 not(TMP\_145) = 1 TMP\_146 = 1 not(TMP\_146) = 0 TMP\_147 = 1 not(TMP\_147) = 0 root1\_F63Atribute0 = 27 TMP\_148 = 0 not(TMP\_148) = 1 TMP\_149 = 0 not(TMP\_149) = 1 TMP\_150 = 1 not(TMP\_150) = 0 TMP\_151 = 1 not(TMP\_151) = 0 root1\_F75Atribute1 = 0 TMP\_152 = 1 not(TMP\_152) = 0 TMP\_153 = 1 not(TMP\_153) = 0 TMP\_154 = 0 not(TMP\_154) = 1 TMP\_155 = 0 not(TMP\_155) = 1 root1\_F75Atribute0 = 0 TMP\_156 = 1 not(TMP\_156) = 0 TMP\_157 = 1 not(TMP\_157) = 0 TMP\_158 = 0 not(TMP\_158) = 1 TMP\_159 = 0 not(TMP\_159) = 1 root1\_F76Atribute1 = 31 TMP\_160 = 0 not(TMP\_160) = 1 TMP\_161 = 0 not(TMP\_161) = 1 TMP\_162 = 1 not(TMP\_162) = 0 TMP\_163 = 1 not(TMP\_163) = 0 root1\_F76Atribute0 = 62 TMP\_164 = 0 not(TMP\_164) = 1 TMP\_165 = 0 not(TMP\_165) = 1 TMP\_166 = 1 not(TMP\_166) = 0 TMP\_167 = 1 not(TMP\_167) = 0 root1\_F118Atribute1 = 0 TMP\_168 = 1 not(TMP\_168) = 0 TMP\_169 = 1 not(TMP\_169) = 0 TMP\_170 = 0 not(TMP\_170) = 1 TMP\_171 = 0 not(TMP\_171) = 1 root1\_F118Atribute0 = 0 TMP\_172 = 1 not(TMP\_172) = 0 TMP\_173 = 1 not(TMP\_173) = 0 TMP\_174 = 0 not(TMP\_174) = 1 TMP\_175 = 0 not(TMP\_175) = 1 root1\_F78Atribute1 = 15 TMP\_176 = 0 not(TMP\_176) = 1 TMP\_177 = 0 not(TMP\_177) = 1 TMP\_178 = 1 not(TMP\_178) = 0 TMP\_179 = 1 not(TMP\_179) = 0 root1\_F78Atribute0 = 75 TMP\_180 = 0 not(TMP\_180) = 1 TMP\_181 = 0 not(TMP\_181) = 1 TMP\_182 = 1 not(TMP\_182) = 0 TMP\_183 = 1 not(TMP\_183) = 0 root1\_F79Atribute1 = 0 TMP\_184 = 1 not(TMP\_184) = 0 TMP\_185 = 1 not(TMP\_185) = 0 TMP\_186 = 0 not(TMP\_186) = 1 TMP\_187 = 0 not(TMP\_187) = 1 root1\_F79Atribute0 = 0 TMP\_188 = 1 not(TMP\_188) = 0 TMP\_189 = 1 not(TMP\_189) = 0 TMP\_190 = 0 not(TMP\_190) = 1 TMP\_191 = 0 not(TMP\_191) = 1 root1\_F80Atribute1 = 94 TMP\_192 = 0 not(TMP\_192) = 1 TMP\_193 = 0 not(TMP\_193) = 1 TMP\_194 = 1 not(TMP\_194) = 0 TMP\_195 = 1 not(TMP\_195) = 0 root1\_F80Atribute0 = 1 TMP\_196 = 0 not(TMP\_196) = 1 TMP\_197 = 0 not(TMP\_197) = 1 TMP\_198 = 1 not(TMP\_198) = 0 TMP\_199 = 1 not(TMP\_199) = 0 root1\_F124Atribute1 = 0 TMP\_200 = 1 not(TMP\_200) = 0 TMP\_201 = 1 not(TMP\_201) = 0 TMP\_202 = 0 not(TMP\_202) = 1 TMP\_203 = 0 not(TMP\_203) = 1 root1\_F124Atribute0 = 0 TMP\_204 = 1 not(TMP\_204) = 0 TMP\_205 = 1 not(TMP\_205) = 0 TMP\_206 = 0 not(TMP\_206) = 1 TMP\_207 = 0 not(TMP\_207) = 1 root1\_F125Atribute1 = 0 TMP\_208 = 1 not(TMP\_208) = 0 TMP\_209 = 1 not(TMP\_209) = 0 TMP\_210 = 0 not(TMP\_210) = 1 TMP\_211 = 0 not(TMP\_211) = 1 root1\_F125Atribute0 = 0 TMP\_212 = 1 not(TMP\_212) = 0 TMP\_213 = 1 not(TMP\_213) = 0 TMP\_214 = 0 not(TMP\_214) = 1 TMP\_215 = 0 not(TMP\_215) = 1 root1\_F126Atribute1 = 0 TMP\_216 = 1 not(TMP\_216) = 0 TMP\_217 = 1 not(TMP\_217) = 0 TMP\_218 = 0 not(TMP\_218) = 1 TMP\_219 = 0 not(TMP\_219) = 1 root1\_F126Atribute0 = 0 TMP\_220 = 1 not(TMP\_220) = 0 TMP\_221 = 1 not(TMP\_221) = 0 TMP\_222 = 0 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= 1 TMP\_517 = 0 not(TMP\_517) = 1 root1\_F30Atribute1 = 0 TMP\_518 = 1 not(TMP\_518) = 0 TMP\_519 = 1 not(TMP\_519) = 0 TMP\_520 = 0 not(TMP\_520) = 1 TMP\_521 = 0 not(TMP\_521) = 1 root1\_F30Atribute0 = 0 TMP\_522 = 1 not(TMP\_522) = 0 TMP\_523 = 1 not(TMP\_523) = 0 TMP\_524 = 0 not(TMP\_524) = 1 TMP\_525 = 0 not(TMP\_525) = 1 root1\_F31Atribute1 = 0 TMP\_526 = 1 not(TMP\_526) = 0 TMP\_527 = 1 not(TMP\_527) = 0 TMP\_528 = 0 not(TMP\_528) = 1 TMP\_529 = 0 not(TMP\_529) = 1 root1\_F31Atribute0 = 0 TMP\_530 = 1 not(TMP\_530) = 0 TMP\_531 = 1 not(TMP\_531) = 0 TMP\_532 = 0 not(TMP\_532) = 1 TMP\_533 = 0 not(TMP\_533) = 1 root1\_F87Atribute1 = 0 TMP\_534 = 1 not(TMP\_534) = 0 TMP\_535 = 1 not(TMP\_535) = 0 TMP\_536 = 0 not(TMP\_536) = 1 TMP\_537 = 0 not(TMP\_537) = 1 root1\_F87Atribute0 = 0 TMP\_538 = 1 not(TMP\_538) = 0 TMP\_539 = 1 not(TMP\_539) = 0 TMP\_540 = 0 not(TMP\_540) = 1 TMP\_541 = 0 not(TMP\_541) = 1 root1\_F33Atribute1 = 0 TMP\_542 = 1 not(TMP\_542) = 0 TMP\_543 = 1 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TMP\_570 = 1 not(TMP\_570) = 0 TMP\_571 = 1 not(TMP\_571) = 0 TMP\_572 = 0 not(TMP\_572) = 1 TMP\_573 = 0 not(TMP\_573) = 1 root1\_F150Atribute1 = 0 TMP\_574 = 1 not(TMP\_574) = 0 TMP\_575 = 1 not(TMP\_575) = 0 TMP\_576 = 0 not(TMP\_576) = 1 TMP\_577 = 0 not(TMP\_577) = 1 root1\_F150Atribute0 = 0 TMP\_578 = 1 not(TMP\_578) = 0 TMP\_579 = 1 not(TMP\_579) = 0 TMP\_580 = 0 not(TMP\_580) = 1 TMP\_581 = 0 not(TMP\_581) = 1 root1\_F151Atribute1 = 0 TMP\_582 = 1 not(TMP\_582) = 0 TMP\_583 = 1 not(TMP\_583) = 0 TMP\_584 = 0 not(TMP\_584) = 1 TMP\_585 = 0 not(TMP\_585) = 1 root1\_F151Atribute0 = 0 TMP\_586 = 1 not(TMP\_586) = 0 TMP\_587 = 1 not(TMP\_587) = 0 TMP\_588 = 0 not(TMP\_588) = 1 TMP\_589 = 0 not(TMP\_589) = 1 root1\_F152Atribute1 = 0 TMP\_590 = 1 not(TMP\_590) = 0 TMP\_591 = 1 not(TMP\_591) = 0 TMP\_592 = 0 not(TMP\_592) = 1 TMP\_593 = 0 not(TMP\_593) = 1 root1\_F152Atribute0 = 0 TMP\_594 = 1 not(TMP\_594) = 0 TMP\_595 = 1 not(TMP\_595) = 0 TMP\_596 = 0 not(TMP\_596) = 1 TMP\_597 = 0 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TMP\_811 = 1 not(TMP\_811) = 0 TMP\_812 = 0 not(TMP\_812) = 1 TMP\_813 = 0 not(TMP\_813) = 1 root1\_F117Atribute1 = 0 TMP\_814 = 1 not(TMP\_814) = 0 TMP\_815 = 1 not(TMP\_815) = 0 TMP\_816 = 0 not(TMP\_816) = 1 TMP\_817 = 0 not(TMP\_817) = 1 root1\_F117Atribute0 = 0 TMP\_818 = 1 not(TMP\_818) = 0 TMP\_819 = 1 not(TMP\_819) = 0 TMP\_820 = 0 not(TMP\_820) = 1 TMP\_821 = 0 not(TMP\_821) = 1 root1\_F49Atribute1 = 0 TMP\_822 = 1 not(TMP\_822) = 0 TMP\_823 = 1 not(TMP\_823) = 0 TMP\_824 = 0 not(TMP\_824) = 1 TMP\_825 = 0 not(TMP\_825) = 1 root1\_F49Atribute0 = 0 TMP\_826 = 1 not(TMP\_826) = 0 TMP\_827 = 1 not(TMP\_827) = 0 TMP\_828 = 0 not(TMP\_828) = 1 TMP\_829 = 0 not(TMP\_829) = 1 root1\_F43Atribute1 = 0 TMP\_830 = 1 not(TMP\_830) = 0 TMP\_831 = 1 not(TMP\_831) = 0 TMP\_832 = 0 not(TMP\_832) = 1 TMP\_833 = 0 not(TMP\_833) = 1 root1\_F43Atribute0 = 0 TMP\_834 = 1 not(TMP\_834) = 0 TMP\_835 = 1 not(TMP\_835) = 0 TMP\_836 = 0 not(TMP\_836) = 1 TMP\_837 = 0 not(TMP\_837) = 1 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= 1 TMP\_865 = 0 not(TMP\_865) = 1 root1\_F13Atribute0 = 0 TMP\_866 = 1 not(TMP\_866) = 0 TMP\_867 = 1 not(TMP\_867) = 0 TMP\_868 = 0 not(TMP\_868) = 1 TMP\_869 = 0 not(TMP\_869) = 1 root1\_F50Atribute1 = 0 TMP\_870 = 1 not(TMP\_870) = 0 TMP\_871 = 1 not(TMP\_871) = 0 TMP\_872 = 0 not(TMP\_872) = 1 TMP\_873 = 0 not(TMP\_873) = 1 root1\_F50Atribute0 = 0 TMP\_874 = 1 not(TMP\_874) = 0 TMP\_875 = 1 not(TMP\_875) = 0 TMP\_876 = 0 not(TMP\_876) = 1 TMP\_877 = 0 not(TMP\_877) = 1 root1\_F153Atribute1 = 50 TMP\_878 = 0 not(TMP\_878) = 1 TMP\_879 = 0 not(TMP\_879) = 1 TMP\_880 = 1 not(TMP\_880) = 0 TMP\_881 = 1 not(TMP\_881) = 0 root1\_F153Atribute0 = 88 TMP\_882 = 0 not(TMP\_882) = 1 TMP\_883 = 0 not(TMP\_883) = 1 TMP\_884 = 1 not(TMP\_884) = 0 TMP\_885 = 1 not(TMP\_885) = 0 root1\_F154Atribute1 = 38 TMP\_886 = 0 not(TMP\_886) = 1 TMP\_887 = 0 not(TMP\_887) = 1 TMP\_888 = 1 not(TMP\_888) = 0 TMP\_889 = 1 not(TMP\_889) = 0 root1\_F154Atribute0 = 34 TMP\_890 = 0 not(TMP\_890) = 1 TMP\_891 = 0 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= 67 TMP\_918 = 0 not(TMP\_918) = 1 TMP\_919 = 0 not(TMP\_919) = 1 TMP\_920 = 1 not(TMP\_920) = 0 TMP\_921 = 1 not(TMP\_921) = 0 root1\_F133Atribute0 = 26 TMP\_922 = 0 not(TMP\_922) = 1 TMP\_923 = 0 not(TMP\_923) = 1 TMP\_924 = 1 not(TMP\_924) = 0 TMP\_925 = 1 not(TMP\_925) = 0 root1\_F134Atribute1 = 0 TMP\_926 = 1 not(TMP\_926) = 0 TMP\_927 = 1 not(TMP\_927) = 0 TMP\_928 = 0 not(TMP\_928) = 1 TMP\_929 = 0 not(TMP\_929) = 1 root1\_F134Atribute0 = 0 TMP\_930 = 1 not(TMP\_930) = 0 TMP\_931 = 1 not(TMP\_931) = 0 TMP\_932 = 0 not(TMP\_932) = 1 TMP\_933 = 0 not(TMP\_933) = 1 root1\_F135Atribute1 = 95 TMP\_934 = 0 not(TMP\_934) = 1 TMP\_935 = 0 not(TMP\_935) = 1 TMP\_936 = 1 not(TMP\_936) = 0 TMP\_937 = 1 not(TMP\_937) = 0 root1\_F135Atribute0 = 68 TMP\_938 = 0 not(TMP\_938) = 1 TMP\_939 = 0 not(TMP\_939) = 1 TMP\_940 = 1 not(TMP\_940) = 0 TMP\_941 = 1 not(TMP\_941) = 0 root1\_F15Atribute1 = 74 TMP\_942 = 0 not(TMP\_942) = 1 TMP\_943 = 0 not(TMP\_943) = 1 TMP\_944 = 1 not(TMP\_944) = 0 TMP\_945 = 1 not(TMP\_945) = 0 root1\_F15Atribute0 = 78 TMP\_946 = 0 not(TMP\_946) = 1 TMP\_947 = 0 not(TMP\_947) = 1 TMP\_948 = 1 not(TMP\_948) = 0 TMP\_949 = 1 not(TMP\_949) = 0 root1\_F16Atribute1 = 17 TMP\_950 = 0 not(TMP\_950) = 1 TMP\_951 = 0 not(TMP\_951) = 1 TMP\_952 = 1 not(TMP\_952) = 0 TMP\_953 = 1 not(TMP\_953) = 0 root1\_F16Atribute0 = 66 TMP\_954 = 0 not(TMP\_954) = 1 TMP\_955 = 0 not(TMP\_955) = 1 TMP\_956 = 1 not(TMP\_956) = 0 TMP\_957 = 1 not(TMP\_957) = 0 root1\_F17Atribute1 = 0 TMP\_958 = 1 not(TMP\_958) = 0 TMP\_959 = 1 not(TMP\_959) = 0 TMP\_960 = 0 not(TMP\_960) = 1 TMP\_961 = 0 not(TMP\_961) = 1 root1\_F17Atribute0 = 0 TMP\_962 = 1 not(TMP\_962) = 0 TMP\_963 = 1 not(TMP\_963) = 0 TMP\_964 = 0 not(TMP\_964) = 1 TMP\_965 = 0 not(TMP\_965) = 1 root1\_F6Atribute1 = 98 TMP\_966 = 0 not(TMP\_966) = 1 TMP\_967 = 0 not(TMP\_967) = 1 TMP\_968 = 1 not(TMP\_968) = 0 TMP\_969 = 1 not(TMP\_969) = 0 root1\_F6Atribute0 = 44 TMP\_970 = 0 not(TMP\_970) = 1 TMP\_971 = 0 not(TMP\_971) = 1 TMP\_972 = 1 not(TMP\_972) = 0 TMP\_973 = 1 not(TMP\_973) = 0 root1\_F88Atribute1 = 82 TMP\_974 = 0 not(TMP\_974) = 1 TMP\_975 = 0 not(TMP\_975) = 1 TMP\_976 = 1 not(TMP\_976) = 0 TMP\_977 = 1 not(TMP\_977) = 0 root1\_F88Atribute0 = 30 TMP\_978 = 0 not(TMP\_978) = 1 TMP\_979 = 0 not(TMP\_979) = 1 TMP\_980 = 1 not(TMP\_980) = 0 TMP\_981 = 1 not(TMP\_981) = 0 root1\_F89Atribute1 = 0 TMP\_982 = 1 not(TMP\_982) = 0 TMP\_983 = 1 not(TMP\_983) = 0 TMP\_984 = 0 not(TMP\_984) = 1 TMP\_985 = 0 not(TMP\_985) = 1 root1\_F89Atribute0 = 0 TMP\_986 = 1 not(TMP\_986) = 0 TMP\_987 = 1 not(TMP\_987) = 0 TMP\_988 = 0 not(TMP\_988) = 1 TMP\_989 = 0 not(TMP\_989) = 1 root1\_F90Atribute1 = 15 TMP\_990 = 0 not(TMP\_990) = 1 TMP\_991 = 0 not(TMP\_991) = 1 TMP\_992 = 1 not(TMP\_992) = 0 TMP\_993 = 1 not(TMP\_993) = 0 root1\_F90Atribute0 = 14 TMP\_994 = 0 not(TMP\_994) = 1 TMP\_995 = 0 not(TMP\_995) = 1 TMP\_996 = 1 not(TMP\_996) = 0 TMP\_997 = 1 not(TMP\_997) = 0 root1\_F91Atribute1 = 98 TMP\_998 = 0 not(TMP\_998) = 1 TMP\_999 = 0 not(TMP\_999) = 1 TMP\_1000 = 1 not(TMP\_1000) = 0 TMP\_1001 = 1 not(TMP\_1001) = 0 root1\_F91Atribute0 = 98 TMP\_1002 = 0 not(TMP\_1002) = 1 TMP\_1003 = 0 not(TMP\_1003) = 1 TMP\_1004 = 1 not(TMP\_1004) = 0 TMP\_1005 = 1 not(TMP\_1005) = 0 root1\_F92Atribute1 = 32 TMP\_1006 = 0 not(TMP\_1006) = 1 TMP\_1007 = 0 not(TMP\_1007) = 1 TMP\_1008 = 1 not(TMP\_1008) = 0 TMP\_1009 = 1 not(TMP\_1009) = 0 root1\_F92Atribute0 = 95 TMP\_1010 = 0 not(TMP\_1010) = 1 TMP\_1011 = 0 not(TMP\_1011) = 1 TMP\_1012 = 1 not(TMP\_1012) = 0 TMP\_1013 = 1 not(TMP\_1013) = 0 root1\_F93Atribute1 = 0 TMP\_1014 = 1 not(TMP\_1014) = 0 TMP\_1015 = 1 not(TMP\_1015) = 0 TMP\_1016 = 0 not(TMP\_1016) = 1 TMP\_1017 = 0 not(TMP\_1017) = 1 root1\_F93Atribute0 = 0 TMP\_1018 = 1 not(TMP\_1018) = 0 TMP\_1019 = 1 not(TMP\_1019) = 0 TMP\_1020 = 0 not(TMP\_1020) = 1 TMP\_1021 = 0 not(TMP\_1021) = 1 root1\_F94Atribute1 = 80 TMP\_1022 = 0 not(TMP\_1022) = 1 TMP\_1023 = 0 not(TMP\_1023) = 1 TMP\_1024 = 1 not(TMP\_1024) = 0 TMP\_1025 = 1 not(TMP\_1025) = 0 root1\_F94Atribute0 = 26 TMP\_1026 = 0 not(TMP\_1026) = 1 TMP\_1027 = 0 not(TMP\_1027) = 1 TMP\_1028 = 1 not(TMP\_1028) = 0 TMP\_1029 = 1 not(TMP\_1029) = 0 sumOrroot1\_F23 = 1 TMP\_1030 = 1 not(TMP\_1030) = 0 not(feature\_root1\_F23) = 0 TMP\_1031 = 0 not(TMP\_1031) = 1 sumOrroot1\_F64 = 1 TMP\_1032 = 1 not(TMP\_1032) = 0 not(feature\_root1\_F64) = 0 TMP\_1033 = 0 not(TMP\_1033) = 1 sumOrroot1\_F24 = 1 TMP\_1034 = 1 not(TMP\_1034) = 0 not(feature\_root1\_F24) = 0 TMP\_1035 = 0 not(TMP\_1035) = 1 sumOrroot1\_F24 = 1 TMP\_1036 = 1 not(TMP\_1036) = 0 TMP\_1037 = 0 not(TMP\_1037) = 1 sumOrroot1\_F73 = 2 TMP\_1038 = 1 not(TMP\_1038) = 0 not(feature\_root1\_F73) = 0 TMP\_1039 = 0 not(TMP\_1039) = 1 sumOrroot1\_F5 = 1 TMP\_1040 = 1 not(TMP\_1040) = 0 not(feature\_root1\_F5) = 0 TMP\_1041 = 0 not(TMP\_1041) = 1 sumOrroot1\_F12 = 0 TMP\_1042 = 0 not(TMP\_1042) = 1 not(feature\_root1\_F12) = 1 TMP\_1043 = 1 not(TMP\_1043) = 0 sumOrroot1\_F36 = 0 TMP\_1044 = 0 not(TMP\_1044) = 1 not(feature\_root1\_F36) = 1 TMP\_1045 = 1 not(TMP\_1045) = 0 sumOrroot1\_F34 = 0 TMP\_1046 = 0 not(TMP\_1046) = 1 not(feature\_root1\_F34) = 1 TMP\_1047 = 1 not(TMP\_1047) = 0 sumOrroot1\_F48 = 0 TMP\_1048 = 0 not(TMP\_1048) = 1 not(feature\_root1\_F48) = 1 TMP\_1049 = 1 not(TMP\_1049) = 0 sumOrroot1\_F112 = 0 TMP\_1050 = 0 not(TMP\_1050) = 1 not(feature\_root1\_F112) = 1 TMP\_1051 = 1 not(TMP\_1051) = 0 sumOrroot1\_F5 = 3 TMP\_1052 = 1 not(TMP\_1052) = 0 TMP\_1053 = 0 not(TMP\_1053) = 1 sumOrroot1\_F52 = 1 TMP\_1054 = 1 not(TMP\_1054) = 0 not(feature\_root1\_F52) = 0 TMP\_1055 = 0 not(TMP\_1055) = 1 sumOrroot1\_F7 = 1 TMP\_1056 = 1 not(TMP\_1056) = 0 not(feature\_root1\_F7) = 0 TMP\_1057 = 0 not(TMP\_1057) = 1 -(root1\_F60Atribute1) = -1 -(root1\_F61Atribute1) = -91 -(root1\_F62Atribute1) = -74 -(root1\_F63Atribute1) = -15 -(root1\_F65Atribute1) = -32 -(root1\_F66Atribute1) = -21 -(root1\_F67Atribute1) = 0 -(root1\_F68Atribute1) = 0 -(root1\_F69Atribute1) = -81 -(root1\_F70Atribute1) = 0 -(root1\_F71Atribute1) = -37 -(root1\_F72Atribute1) = 0 -(root1\_F74Atribute1) = -16 -(root1\_F75Atribute1) = 0 -(root1\_F76Atribute1) = -31 -(root1\_F78Atribute1) = -15 -(root1\_F79Atribute1) = 0 -(root1\_F138Atribute1) = 0 -(root1\_F139Atribute1) = 0 -(root1\_F147Atribute1) = 0 -(root1\_F148Atribute1) = 0 -(root1\_F145Atribute1) = 0 -(root1\_F41Atribute1) = 0 -(root1\_F146Atribute1) = 0 -(root1\_F143Atribute1) = 0 -(root1\_F144Atribute1) = 0 -(root1\_F43Atribute1) = 0 -(root1\_F141Atribute1) = 0 -(root1\_F44Atribute1) = 0 -(root1\_F142Atribute1) = 0 -(root1\_F45Atribute1) = 0 -(root1\_F46Atribute1) = 0 -(root1\_F140Atribute1) = 0 -(root1\_F47Atribute1) = 0 -(root1\_F49Atribute1) = 0 -(root1\_F149Atribute1) = 0 -(root1\_F158Atribute1) = 0 -(root1\_F159Atribute1) = 0 -(root1\_F50Atribute1) = 0 -(root1\_F156Atribute1) = -76 -(root1\_F157Atribute1) = -23 -(root1\_F154Atribute1) = -38 -(root1\_F54Atribute1) = -32 -(root1\_F155Atribute1) = -62 -(root1\_F55Atribute1) = -12 -(root1\_F152Atribute1) = 0 -(root1\_F56Atribute1) = 0 -(root1\_F153Atribute1) = -50 -(root1\_F150Atribute1) = 0 -(root1\_F58Atribute1) = -61 -(root1\_F151Atribute1) = 0 -(root1\_F59Atribute1) = -49 -(root1\_F118Atribute1) = 0 -(root1\_F119Atribute1) = 0 -(root1\_F116Atribute1) = 0 -(root1\_F117Atribute1) = 0 -(root1\_F125Atribute1) = 0 -(root1\_F126Atribute1) = 0 -(root1\_F123Atribute1) = 0 -(root1\_F124Atribute1) = 0 -(root1\_F20Atribute1) = -15 -(root1\_F121Atribute1) = 0 -(root1\_F122Atribute1) = 0 -(root1\_F22Atribute1) = -51 -(root1\_F120Atribute1) = 0 -(root1\_F25Atribute1) = -26 -(root1\_F27Atribute1) = 0 -(root1\_F28Atribute1) = 0 -(root1\_F29Atribute1) = 0 -(root1\_F6Atribute1) = -98 -(root1\_F9Atribute1) = -47 -(root1\_F8Atribute1) = 0 -(root1\_F2Atribute1) = -29 -(root1\_F4Atribute1) = -26 -(root1\_F129Atribute1) = 0 -(root1\_F127Atribute1) = 0 -(root1\_F128Atribute1) = 0 -(root1\_F136Atribute1) = 0 -(root1\_F137Atribute1) = 0 -(root1\_F134Atribute1) = 0 -(root1\_F30Atribute1) = 0 -(root1\_F135Atribute1) = -95 -(root1\_F132Atribute1) = -69 -(root1\_F31Atribute1) = 0 -(root1\_F133Atribute1) = -67 -(root1\_F130Atribute1) = 0 -(root1\_F33Atribute1) = 0 -(root1\_F131Atribute1) = 0 -(root1\_F35Atribute1) = 0 -(root1\_F37Atribute1) = 0 -(root1\_F38Atribute1) = 0 -(root1\_F39Atribute1) = 0 -(root1\_F80Atribute1) = -94 -(root1\_F82Atribute1) = -90 -(root1\_F103Atribute1) = 0 -(root1\_F83Atribute1) = -17 -(root1\_F104Atribute1) = -99 -(root1\_F84Atribute1) = -11 -(root1\_F101Atribute1) = -21 -(root1\_F102Atribute1) = -19 -(root1\_F86Atribute1) = 0 -(root1\_F100Atribute1) = -85 -(root1\_F87Atribute1) = 0 -(root1\_F88Atribute1) = -82 -(root1\_F89Atribute1) = 0 -(root1\_F109Atribute1) = 0 -(root1\_F107Atribute1) = -72 -(root1\_F108Atribute1) = -92 -(root1\_F90Atribute1) = -15 -(root1\_F105Atribute1) = -93 -(root1\_F91Atribute1) = -98 -(root1\_F106Atribute1) = -91 -(root1\_F92Atribute1) = -32 -(root1\_F114Atribute1) = 0 -(root1\_F93Atribute1) = 0 -(root1\_F94Atribute1) = -80 -(root1\_F96Atribute1) = 0 -(root1\_F113Atribute1) = 0 -(root1\_F97Atribute1) = 0 -(root1\_F110Atribute1) = 0 -(root1\_F10Atribute1) = -46 -(root1\_F11Atribute1) = 0 -(root1\_F99Atribute1) = 0 -(root1\_F13Atribute1) = 0 -(root1\_F15Atribute1) = -74 -(root1\_F16Atribute1) = -17 -(root1\_F17Atribute1) = 0 -(root1\_F18Atribute1) = -15 -(root1\_F19Atribute1) = -72 totalAtribute0 = 2765 totalAtribute1 = -2655 .

- Solution #4 found. Solver[Solver-0], 4 Solutions, Resolution time 0.167s, 36 Nodes (215.0 n/s), 4 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_F1 = 1 feature\_root1\_F18 = 1 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 1 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 1 feature\_root1\_F75 = 0 feature\_root1\_F76 = 1 feature\_root1\_F77 = 1 feature\_root1\_F118 = 0 feature\_root1\_F78 = 1 feature\_root1\_F79 = 0 feature\_root1\_F80 = 1 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 1 feature\_root1\_F83 = 1 feature\_root1\_F84 = 1 feature\_root1\_F65 = 1 feature\_root1\_F66 = 1 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 1 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 1 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 0 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 0 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 0 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 0 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 15 TMP\_0 = 0 not(TMP\_0) = 1 TMP\_1 = 0 not(TMP\_1) = 1 TMP\_2 = 1 not(TMP\_2) = 0 TMP\_3 = 1 not(TMP\_3) = 0 root1\_F18Atribute0 = 86 TMP\_4 = 0 not(TMP\_4) = 1 TMP\_5 = 0 not(TMP\_5) = 1 TMP\_6 = 1 not(TMP\_6) = 0 TMP\_7 = 1 not(TMP\_7) = 0 root1\_F19Atribute1 = 72 TMP\_8 = 0 not(TMP\_8) = 1 TMP\_9 = 0 not(TMP\_9) = 1 TMP\_10 = 1 not(TMP\_10) = 0 TMP\_11 = 1 not(TMP\_11) = 0 root1\_F19Atribute0 = 64 TMP\_12 = 0 not(TMP\_12) = 1 TMP\_13 = 0 not(TMP\_13) = 1 TMP\_14 = 1 not(TMP\_14) = 0 TMP\_15 = 1 not(TMP\_15) = 0 root1\_F20Atribute1 = 15 TMP\_16 = 0 not(TMP\_16) = 1 TMP\_17 = 0 not(TMP\_17) = 1 TMP\_18 = 1 not(TMP\_18) = 0 TMP\_19 = 1 not(TMP\_19) = 0 root1\_F20Atribute0 = 61 TMP\_20 = 0 not(TMP\_20) = 1 TMP\_21 = 0 not(TMP\_21) = 1 TMP\_22 = 1 not(TMP\_22) = 0 TMP\_23 = 1 not(TMP\_23) = 0 root1\_F140Atribute1 = 0 TMP\_24 = 1 not(TMP\_24) = 0 TMP\_25 = 1 not(TMP\_25) = 0 TMP\_26 = 0 not(TMP\_26) = 1 TMP\_27 = 0 not(TMP\_27) = 1 root1\_F140Atribute0 = 0 TMP\_28 = 1 not(TMP\_28) = 0 TMP\_29 = 1 not(TMP\_29) = 0 TMP\_30 = 0 not(TMP\_30) = 1 TMP\_31 = 0 not(TMP\_31) = 1 root1\_F141Atribute1 = 0 TMP\_32 = 1 not(TMP\_32) = 0 TMP\_33 = 1 not(TMP\_33) = 0 TMP\_34 = 0 not(TMP\_34) = 1 TMP\_35 = 0 not(TMP\_35) = 1 root1\_F141Atribute0 = 0 TMP\_36 = 1 not(TMP\_36) = 0 TMP\_37 = 1 not(TMP\_37) = 0 TMP\_38 = 0 not(TMP\_38) = 1 TMP\_39 = 0 not(TMP\_39) = 1 root1\_F142Atribute1 = 0 TMP\_40 = 1 not(TMP\_40) = 0 TMP\_41 = 1 not(TMP\_41) = 0 TMP\_42 = 0 not(TMP\_42) = 1 TMP\_43 = 0 not(TMP\_43) = 1 root1\_F142Atribute0 = 0 TMP\_44 = 1 not(TMP\_44) = 0 TMP\_45 = 1 not(TMP\_45) = 0 TMP\_46 = 0 not(TMP\_46) = 1 TMP\_47 = 0 not(TMP\_47) = 1 root1\_F143Atribute1 = 0 TMP\_48 = 1 not(TMP\_48) = 0 TMP\_49 = 1 not(TMP\_49) = 0 TMP\_50 = 0 not(TMP\_50) = 1 TMP\_51 = 0 not(TMP\_51) = 1 root1\_F143Atribute0 = 0 TMP\_52 = 1 not(TMP\_52) = 0 TMP\_53 = 1 not(TMP\_53) = 0 TMP\_54 = 0 not(TMP\_54) = 1 TMP\_55 = 0 not(TMP\_55) = 1 root1\_F144Atribute1 = 0 TMP\_56 = 1 not(TMP\_56) = 0 TMP\_57 = 1 not(TMP\_57) = 0 TMP\_58 = 0 not(TMP\_58) = 1 TMP\_59 = 0 not(TMP\_59) = 1 root1\_F144Atribute0 = 0 TMP\_60 = 1 not(TMP\_60) = 0 TMP\_61 = 1 not(TMP\_61) = 0 TMP\_62 = 0 not(TMP\_62) = 1 TMP\_63 = 0 not(TMP\_63) = 1 root1\_F22Atribute1 = 51 TMP\_64 = 0 not(TMP\_64) = 1 TMP\_65 = 0 not(TMP\_65) = 1 TMP\_66 = 1 not(TMP\_66) = 0 TMP\_67 = 1 not(TMP\_67) = 0 root1\_F22Atribute0 = 69 TMP\_68 = 0 not(TMP\_68) = 1 TMP\_69 = 0 not(TMP\_69) = 1 TMP\_70 = 1 not(TMP\_70) = 0 TMP\_71 = 1 not(TMP\_71) = 0 root1\_F54Atribute1 = 32 TMP\_72 = 0 not(TMP\_72) = 1 TMP\_73 = 0 not(TMP\_73) = 1 TMP\_74 = 1 not(TMP\_74) = 0 TMP\_75 = 1 not(TMP\_75) = 0 root1\_F54Atribute0 = 96 TMP\_76 = 0 not(TMP\_76) = 1 TMP\_77 = 0 not(TMP\_77) = 1 TMP\_78 = 1 not(TMP\_78) = 0 TMP\_79 = 1 not(TMP\_79) = 0 root1\_F55Atribute1 = 12 TMP\_80 = 0 not(TMP\_80) = 1 TMP\_81 = 0 not(TMP\_81) = 1 TMP\_82 = 1 not(TMP\_82) = 0 TMP\_83 = 1 not(TMP\_83) = 0 root1\_F55Atribute0 = 76 TMP\_84 = 0 not(TMP\_84) = 1 TMP\_85 = 0 not(TMP\_85) = 1 TMP\_86 = 1 not(TMP\_86) = 0 TMP\_87 = 1 not(TMP\_87) = 0 root1\_F56Atribute1 = 0 TMP\_88 = 1 not(TMP\_88) = 0 TMP\_89 = 1 not(TMP\_89) = 0 TMP\_90 = 0 not(TMP\_90) = 1 TMP\_91 = 0 not(TMP\_91) = 1 root1\_F56Atribute0 = 0 TMP\_92 = 1 not(TMP\_92) = 0 TMP\_93 = 1 not(TMP\_93) = 0 TMP\_94 = 0 not(TMP\_94) = 1 TMP\_95 = 0 not(TMP\_95) = 1 root1\_F132Atribute1 = 69 TMP\_96 = 0 not(TMP\_96) = 1 TMP\_97 = 0 not(TMP\_97) = 1 TMP\_98 = 1 not(TMP\_98) = 0 TMP\_99 = 1 not(TMP\_99) = 0 root1\_F132Atribute0 = 61 TMP\_100 = 0 not(TMP\_100) = 1 TMP\_101 = 0 not(TMP\_101) = 1 TMP\_102 = 1 not(TMP\_102) = 0 TMP\_103 = 1 not(TMP\_103) = 0 root1\_F58Atribute1 = 61 TMP\_104 = 0 not(TMP\_104) = 1 TMP\_105 = 0 not(TMP\_105) = 1 TMP\_106 = 1 not(TMP\_106) = 0 TMP\_107 = 1 not(TMP\_107) = 0 root1\_F58Atribute0 = 39 TMP\_108 = 0 not(TMP\_108) = 1 TMP\_109 = 0 not(TMP\_109) = 1 TMP\_110 = 1 not(TMP\_110) = 0 TMP\_111 = 1 not(TMP\_111) = 0 root1\_F59Atribute1 = 49 TMP\_112 = 0 not(TMP\_112) = 1 TMP\_113 = 0 not(TMP\_113) = 1 TMP\_114 = 1 not(TMP\_114) = 0 TMP\_115 = 1 not(TMP\_115) = 0 root1\_F59Atribute0 = 93 TMP\_116 = 0 not(TMP\_116) = 1 TMP\_117 = 0 not(TMP\_117) = 1 TMP\_118 = 1 not(TMP\_118) = 0 TMP\_119 = 1 not(TMP\_119) = 0 root1\_F60Atribute1 = 1 TMP\_120 = 0 not(TMP\_120) = 1 TMP\_121 = 0 not(TMP\_121) = 1 TMP\_122 = 1 not(TMP\_122) = 0 TMP\_123 = 1 not(TMP\_123) = 0 root1\_F60Atribute0 = 44 TMP\_124 = 0 not(TMP\_124) = 1 TMP\_125 = 0 not(TMP\_125) = 1 TMP\_126 = 1 not(TMP\_126) = 0 TMP\_127 = 1 not(TMP\_127) = 0 root1\_F61Atribute1 = 91 TMP\_128 = 0 not(TMP\_128) = 1 TMP\_129 = 0 not(TMP\_129) = 1 TMP\_130 = 1 not(TMP\_130) = 0 TMP\_131 = 1 not(TMP\_131) = 0 root1\_F61Atribute0 = 65 TMP\_132 = 0 not(TMP\_132) = 1 TMP\_133 = 0 not(TMP\_133) = 1 TMP\_134 = 1 not(TMP\_134) = 0 TMP\_135 = 1 not(TMP\_135) = 0 root1\_F62Atribute1 = 74 TMP\_136 = 0 not(TMP\_136) = 1 TMP\_137 = 0 not(TMP\_137) = 1 TMP\_138 = 1 not(TMP\_138) = 0 TMP\_139 = 1 not(TMP\_139) = 0 root1\_F62Atribute0 = 47 TMP\_140 = 0 not(TMP\_140) = 1 TMP\_141 = 0 not(TMP\_141) = 1 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TMP\_383 = 0 not(TMP\_383) = 1 TMP\_384 = 1 not(TMP\_384) = 0 TMP\_385 = 1 not(TMP\_385) = 0 root1\_F100Atribute0 = 16 TMP\_386 = 0 not(TMP\_386) = 1 TMP\_387 = 0 not(TMP\_387) = 1 TMP\_388 = 1 not(TMP\_388) = 0 TMP\_389 = 1 not(TMP\_389) = 0 root1\_F101Atribute1 = 21 TMP\_390 = 0 not(TMP\_390) = 1 TMP\_391 = 0 not(TMP\_391) = 1 TMP\_392 = 1 not(TMP\_392) = 0 TMP\_393 = 1 not(TMP\_393) = 0 root1\_F101Atribute0 = 23 TMP\_394 = 0 not(TMP\_394) = 1 TMP\_395 = 0 not(TMP\_395) = 1 TMP\_396 = 1 not(TMP\_396) = 0 TMP\_397 = 1 not(TMP\_397) = 0 root1\_F102Atribute1 = 19 TMP\_398 = 0 not(TMP\_398) = 1 TMP\_399 = 0 not(TMP\_399) = 1 TMP\_400 = 1 not(TMP\_400) = 0 TMP\_401 = 1 not(TMP\_401) = 0 root1\_F102Atribute0 = 31 TMP\_402 = 0 not(TMP\_402) = 1 TMP\_403 = 0 not(TMP\_403) = 1 TMP\_404 = 1 not(TMP\_404) = 0 TMP\_405 = 1 not(TMP\_405) = 0 root1\_F103Atribute1 = 34 TMP\_406 = 0 not(TMP\_406) = 1 TMP\_407 = 0 not(TMP\_407) = 1 TMP\_408 = 1 not(TMP\_408) = 0 TMP\_409 = 1 not(TMP\_409) = 0 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= 1 TMP\_517 = 0 not(TMP\_517) = 1 root1\_F30Atribute1 = 0 TMP\_518 = 1 not(TMP\_518) = 0 TMP\_519 = 1 not(TMP\_519) = 0 TMP\_520 = 0 not(TMP\_520) = 1 TMP\_521 = 0 not(TMP\_521) = 1 root1\_F30Atribute0 = 0 TMP\_522 = 1 not(TMP\_522) = 0 TMP\_523 = 1 not(TMP\_523) = 0 TMP\_524 = 0 not(TMP\_524) = 1 TMP\_525 = 0 not(TMP\_525) = 1 root1\_F31Atribute1 = 0 TMP\_526 = 1 not(TMP\_526) = 0 TMP\_527 = 1 not(TMP\_527) = 0 TMP\_528 = 0 not(TMP\_528) = 1 TMP\_529 = 0 not(TMP\_529) = 1 root1\_F31Atribute0 = 0 TMP\_530 = 1 not(TMP\_530) = 0 TMP\_531 = 1 not(TMP\_531) = 0 TMP\_532 = 0 not(TMP\_532) = 1 TMP\_533 = 0 not(TMP\_533) = 1 root1\_F87Atribute1 = 0 TMP\_534 = 1 not(TMP\_534) = 0 TMP\_535 = 1 not(TMP\_535) = 0 TMP\_536 = 0 not(TMP\_536) = 1 TMP\_537 = 0 not(TMP\_537) = 1 root1\_F87Atribute0 = 0 TMP\_538 = 1 not(TMP\_538) = 0 TMP\_539 = 1 not(TMP\_539) = 0 TMP\_540 = 0 not(TMP\_540) = 1 TMP\_541 = 0 not(TMP\_541) = 1 root1\_F33Atribute1 = 0 TMP\_542 = 1 not(TMP\_542) = 0 TMP\_543 = 1 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= 1 TMP\_865 = 0 not(TMP\_865) = 1 root1\_F13Atribute0 = 0 TMP\_866 = 1 not(TMP\_866) = 0 TMP\_867 = 1 not(TMP\_867) = 0 TMP\_868 = 0 not(TMP\_868) = 1 TMP\_869 = 0 not(TMP\_869) = 1 root1\_F50Atribute1 = 0 TMP\_870 = 1 not(TMP\_870) = 0 TMP\_871 = 1 not(TMP\_871) = 0 TMP\_872 = 0 not(TMP\_872) = 1 TMP\_873 = 0 not(TMP\_873) = 1 root1\_F50Atribute0 = 0 TMP\_874 = 1 not(TMP\_874) = 0 TMP\_875 = 1 not(TMP\_875) = 0 TMP\_876 = 0 not(TMP\_876) = 1 TMP\_877 = 0 not(TMP\_877) = 1 root1\_F153Atribute1 = 50 TMP\_878 = 0 not(TMP\_878) = 1 TMP\_879 = 0 not(TMP\_879) = 1 TMP\_880 = 1 not(TMP\_880) = 0 TMP\_881 = 1 not(TMP\_881) = 0 root1\_F153Atribute0 = 88 TMP\_882 = 0 not(TMP\_882) = 1 TMP\_883 = 0 not(TMP\_883) = 1 TMP\_884 = 1 not(TMP\_884) = 0 TMP\_885 = 1 not(TMP\_885) = 0 root1\_F154Atribute1 = 38 TMP\_886 = 0 not(TMP\_886) = 1 TMP\_887 = 0 not(TMP\_887) = 1 TMP\_888 = 1 not(TMP\_888) = 0 TMP\_889 = 1 not(TMP\_889) = 0 root1\_F154Atribute0 = 34 TMP\_890 = 0 not(TMP\_890) = 1 TMP\_891 = 0 not(TMP\_891) = 1 TMP\_892 = 1 not(TMP\_892) = 0 TMP\_893 = 1 not(TMP\_893) = 0 root1\_F155Atribute1 = 62 TMP\_894 = 0 not(TMP\_894) = 1 TMP\_895 = 0 not(TMP\_895) = 1 TMP\_896 = 1 not(TMP\_896) = 0 TMP\_897 = 1 not(TMP\_897) = 0 root1\_F155Atribute0 = 77 TMP\_898 = 0 not(TMP\_898) = 1 TMP\_899 = 0 not(TMP\_899) = 1 TMP\_900 = 1 not(TMP\_900) = 0 TMP\_901 = 1 not(TMP\_901) = 0 root1\_F156Atribute1 = 76 TMP\_902 = 0 not(TMP\_902) = 1 TMP\_903 = 0 not(TMP\_903) = 1 TMP\_904 = 1 not(TMP\_904) = 0 TMP\_905 = 1 not(TMP\_905) = 0 root1\_F156Atribute0 = 35 TMP\_906 = 0 not(TMP\_906) = 1 TMP\_907 = 0 not(TMP\_907) = 1 TMP\_908 = 1 not(TMP\_908) = 0 TMP\_909 = 1 not(TMP\_909) = 0 root1\_F157Atribute1 = 23 TMP\_910 = 0 not(TMP\_910) = 1 TMP\_911 = 0 not(TMP\_911) = 1 TMP\_912 = 1 not(TMP\_912) = 0 TMP\_913 = 1 not(TMP\_913) = 0 root1\_F157Atribute0 = 39 TMP\_914 = 0 not(TMP\_914) = 1 TMP\_915 = 0 not(TMP\_915) = 1 TMP\_916 = 1 not(TMP\_916) = 0 TMP\_917 = 1 not(TMP\_917) = 0 root1\_F133Atribute1 = 67 TMP\_918 = 0 not(TMP\_918) = 1 TMP\_919 = 0 not(TMP\_919) = 1 TMP\_920 = 1 not(TMP\_920) = 0 TMP\_921 = 1 not(TMP\_921) = 0 root1\_F133Atribute0 = 26 TMP\_922 = 0 not(TMP\_922) = 1 TMP\_923 = 0 not(TMP\_923) = 1 TMP\_924 = 1 not(TMP\_924) = 0 TMP\_925 = 1 not(TMP\_925) = 0 root1\_F134Atribute1 = 0 TMP\_926 = 1 not(TMP\_926) = 0 TMP\_927 = 1 not(TMP\_927) = 0 TMP\_928 = 0 not(TMP\_928) = 1 TMP\_929 = 0 not(TMP\_929) = 1 root1\_F134Atribute0 = 0 TMP\_930 = 1 not(TMP\_930) = 0 TMP\_931 = 1 not(TMP\_931) = 0 TMP\_932 = 0 not(TMP\_932) = 1 TMP\_933 = 0 not(TMP\_933) = 1 root1\_F135Atribute1 = 95 TMP\_934 = 0 not(TMP\_934) = 1 TMP\_935 = 0 not(TMP\_935) = 1 TMP\_936 = 1 not(TMP\_936) = 0 TMP\_937 = 1 not(TMP\_937) = 0 root1\_F135Atribute0 = 68 TMP\_938 = 0 not(TMP\_938) = 1 TMP\_939 = 0 not(TMP\_939) = 1 TMP\_940 = 1 not(TMP\_940) = 0 TMP\_941 = 1 not(TMP\_941) = 0 root1\_F15Atribute1 = 74 TMP\_942 = 0 not(TMP\_942) = 1 TMP\_943 = 0 not(TMP\_943) = 1 TMP\_944 = 1 not(TMP\_944) = 0 TMP\_945 = 1 not(TMP\_945) = 0 root1\_F15Atribute0 = 78 TMP\_946 = 0 not(TMP\_946) = 1 TMP\_947 = 0 not(TMP\_947) = 1 TMP\_948 = 1 not(TMP\_948) = 0 TMP\_949 = 1 not(TMP\_949) = 0 root1\_F16Atribute1 = 17 TMP\_950 = 0 not(TMP\_950) = 1 TMP\_951 = 0 not(TMP\_951) = 1 TMP\_952 = 1 not(TMP\_952) = 0 TMP\_953 = 1 not(TMP\_953) = 0 root1\_F16Atribute0 = 66 TMP\_954 = 0 not(TMP\_954) = 1 TMP\_955 = 0 not(TMP\_955) = 1 TMP\_956 = 1 not(TMP\_956) = 0 TMP\_957 = 1 not(TMP\_957) = 0 root1\_F17Atribute1 = 0 TMP\_958 = 1 not(TMP\_958) = 0 TMP\_959 = 1 not(TMP\_959) = 0 TMP\_960 = 0 not(TMP\_960) = 1 TMP\_961 = 0 not(TMP\_961) = 1 root1\_F17Atribute0 = 0 TMP\_962 = 1 not(TMP\_962) = 0 TMP\_963 = 1 not(TMP\_963) = 0 TMP\_964 = 0 not(TMP\_964) = 1 TMP\_965 = 0 not(TMP\_965) = 1 root1\_F6Atribute1 = 98 TMP\_966 = 0 not(TMP\_966) = 1 TMP\_967 = 0 not(TMP\_967) = 1 TMP\_968 = 1 not(TMP\_968) = 0 TMP\_969 = 1 not(TMP\_969) = 0 root1\_F6Atribute0 = 44 TMP\_970 = 0 not(TMP\_970) = 1 TMP\_971 = 0 not(TMP\_971) = 1 TMP\_972 = 1 not(TMP\_972) = 0 TMP\_973 = 1 not(TMP\_973) = 0 root1\_F88Atribute1 = 82 TMP\_974 = 0 not(TMP\_974) = 1 TMP\_975 = 0 not(TMP\_975) = 1 TMP\_976 = 1 not(TMP\_976) = 0 TMP\_977 = 1 not(TMP\_977) = 0 root1\_F88Atribute0 = 30 TMP\_978 = 0 not(TMP\_978) = 1 TMP\_979 = 0 not(TMP\_979) = 1 TMP\_980 = 1 not(TMP\_980) = 0 TMP\_981 = 1 not(TMP\_981) = 0 root1\_F89Atribute1 = 0 TMP\_982 = 1 not(TMP\_982) = 0 TMP\_983 = 1 not(TMP\_983) = 0 TMP\_984 = 0 not(TMP\_984) = 1 TMP\_985 = 0 not(TMP\_985) = 1 root1\_F89Atribute0 = 0 TMP\_986 = 1 not(TMP\_986) = 0 TMP\_987 = 1 not(TMP\_987) = 0 TMP\_988 = 0 not(TMP\_988) = 1 TMP\_989 = 0 not(TMP\_989) = 1 root1\_F90Atribute1 = 15 TMP\_990 = 0 not(TMP\_990) = 1 TMP\_991 = 0 not(TMP\_991) = 1 TMP\_992 = 1 not(TMP\_992) = 0 TMP\_993 = 1 not(TMP\_993) = 0 root1\_F90Atribute0 = 14 TMP\_994 = 0 not(TMP\_994) = 1 TMP\_995 = 0 not(TMP\_995) = 1 TMP\_996 = 1 not(TMP\_996) = 0 TMP\_997 = 1 not(TMP\_997) = 0 root1\_F91Atribute1 = 98 TMP\_998 = 0 not(TMP\_998) = 1 TMP\_999 = 0 not(TMP\_999) = 1 TMP\_1000 = 1 not(TMP\_1000) = 0 TMP\_1001 = 1 not(TMP\_1001) = 0 root1\_F91Atribute0 = 98 TMP\_1002 = 0 not(TMP\_1002) = 1 TMP\_1003 = 0 not(TMP\_1003) = 1 TMP\_1004 = 1 not(TMP\_1004) = 0 TMP\_1005 = 1 not(TMP\_1005) = 0 root1\_F92Atribute1 = 32 TMP\_1006 = 0 not(TMP\_1006) = 1 TMP\_1007 = 0 not(TMP\_1007) = 1 TMP\_1008 = 1 not(TMP\_1008) = 0 TMP\_1009 = 1 not(TMP\_1009) = 0 root1\_F92Atribute0 = 95 TMP\_1010 = 0 not(TMP\_1010) = 1 TMP\_1011 = 0 not(TMP\_1011) = 1 TMP\_1012 = 1 not(TMP\_1012) = 0 TMP\_1013 = 1 not(TMP\_1013) = 0 root1\_F93Atribute1 = 0 TMP\_1014 = 1 not(TMP\_1014) = 0 TMP\_1015 = 1 not(TMP\_1015) = 0 TMP\_1016 = 0 not(TMP\_1016) = 1 TMP\_1017 = 0 not(TMP\_1017) = 1 root1\_F93Atribute0 = 0 TMP\_1018 = 1 not(TMP\_1018) = 0 TMP\_1019 = 1 not(TMP\_1019) = 0 TMP\_1020 = 0 not(TMP\_1020) = 1 TMP\_1021 = 0 not(TMP\_1021) = 1 root1\_F94Atribute1 = 80 TMP\_1022 = 0 not(TMP\_1022) = 1 TMP\_1023 = 0 not(TMP\_1023) = 1 TMP\_1024 = 1 not(TMP\_1024) = 0 TMP\_1025 = 1 not(TMP\_1025) = 0 root1\_F94Atribute0 = 26 TMP\_1026 = 0 not(TMP\_1026) = 1 TMP\_1027 = 0 not(TMP\_1027) = 1 TMP\_1028 = 1 not(TMP\_1028) = 0 TMP\_1029 = 1 not(TMP\_1029) = 0 sumOrroot1\_F23 = 1 TMP\_1030 = 1 not(TMP\_1030) = 0 not(feature\_root1\_F23) = 0 TMP\_1031 = 0 not(TMP\_1031) = 1 sumOrroot1\_F64 = 1 TMP\_1032 = 1 not(TMP\_1032) = 0 not(feature\_root1\_F64) = 0 TMP\_1033 = 0 not(TMP\_1033) = 1 sumOrroot1\_F24 = 1 TMP\_1034 = 1 not(TMP\_1034) = 0 not(feature\_root1\_F24) = 0 TMP\_1035 = 0 not(TMP\_1035) = 1 sumOrroot1\_F24 = 1 TMP\_1036 = 1 not(TMP\_1036) = 0 TMP\_1037 = 0 not(TMP\_1037) = 1 sumOrroot1\_F73 = 3 TMP\_1038 = 1 not(TMP\_1038) = 0 not(feature\_root1\_F73) = 0 TMP\_1039 = 0 not(TMP\_1039) = 1 sumOrroot1\_F5 = 1 TMP\_1040 = 1 not(TMP\_1040) = 0 not(feature\_root1\_F5) = 0 TMP\_1041 = 0 not(TMP\_1041) = 1 sumOrroot1\_F12 = 0 TMP\_1042 = 0 not(TMP\_1042) = 1 not(feature\_root1\_F12) = 1 TMP\_1043 = 1 not(TMP\_1043) = 0 sumOrroot1\_F36 = 0 TMP\_1044 = 0 not(TMP\_1044) = 1 not(feature\_root1\_F36) = 1 TMP\_1045 = 1 not(TMP\_1045) = 0 sumOrroot1\_F34 = 0 TMP\_1046 = 0 not(TMP\_1046) = 1 not(feature\_root1\_F34) = 1 TMP\_1047 = 1 not(TMP\_1047) = 0 sumOrroot1\_F48 = 0 TMP\_1048 = 0 not(TMP\_1048) = 1 not(feature\_root1\_F48) = 1 TMP\_1049 = 1 not(TMP\_1049) = 0 sumOrroot1\_F112 = 0 TMP\_1050 = 0 not(TMP\_1050) = 1 not(feature\_root1\_F112) = 1 TMP\_1051 = 1 not(TMP\_1051) = 0 sumOrroot1\_F5 = 3 TMP\_1052 = 1 not(TMP\_1052) = 0 TMP\_1053 = 0 not(TMP\_1053) = 1 sumOrroot1\_F52 = 1 TMP\_1054 = 1 not(TMP\_1054) = 0 not(feature\_root1\_F52) = 0 TMP\_1055 = 0 not(TMP\_1055) = 1 sumOrroot1\_F7 = 1 TMP\_1056 = 1 not(TMP\_1056) = 0 not(feature\_root1\_F7) = 0 TMP\_1057 = 0 not(TMP\_1057) = 1 -(root1\_F60Atribute1) = -1 -(root1\_F61Atribute1) = -91 -(root1\_F62Atribute1) = -74 -(root1\_F63Atribute1) = -15 -(root1\_F65Atribute1) = -32 -(root1\_F66Atribute1) = -21 -(root1\_F67Atribute1) = 0 -(root1\_F68Atribute1) = 0 -(root1\_F69Atribute1) = -81 -(root1\_F70Atribute1) = 0 -(root1\_F71Atribute1) = -37 -(root1\_F72Atribute1) = 0 -(root1\_F74Atribute1) = -16 -(root1\_F75Atribute1) = 0 -(root1\_F76Atribute1) = -31 -(root1\_F78Atribute1) = -15 -(root1\_F79Atribute1) = 0 -(root1\_F138Atribute1) = 0 -(root1\_F139Atribute1) = 0 -(root1\_F147Atribute1) = 0 -(root1\_F148Atribute1) = 0 -(root1\_F145Atribute1) = 0 -(root1\_F41Atribute1) = 0 -(root1\_F146Atribute1) = 0 -(root1\_F143Atribute1) = 0 -(root1\_F144Atribute1) = 0 -(root1\_F43Atribute1) = 0 -(root1\_F141Atribute1) = 0 -(root1\_F44Atribute1) = 0 -(root1\_F142Atribute1) = 0 -(root1\_F45Atribute1) = 0 -(root1\_F46Atribute1) = 0 -(root1\_F140Atribute1) = 0 -(root1\_F47Atribute1) = 0 -(root1\_F49Atribute1) = 0 -(root1\_F149Atribute1) = 0 -(root1\_F158Atribute1) = 0 -(root1\_F159Atribute1) = 0 -(root1\_F50Atribute1) = 0 -(root1\_F156Atribute1) = -76 -(root1\_F157Atribute1) = -23 -(root1\_F154Atribute1) = -38 -(root1\_F54Atribute1) = -32 -(root1\_F155Atribute1) = -62 -(root1\_F55Atribute1) = -12 -(root1\_F152Atribute1) = 0 -(root1\_F56Atribute1) = 0 -(root1\_F153Atribute1) = -50 -(root1\_F150Atribute1) = 0 -(root1\_F58Atribute1) = -61 -(root1\_F151Atribute1) = 0 -(root1\_F59Atribute1) = -49 -(root1\_F118Atribute1) = 0 -(root1\_F119Atribute1) = 0 -(root1\_F116Atribute1) = 0 -(root1\_F117Atribute1) = 0 -(root1\_F125Atribute1) = 0 -(root1\_F126Atribute1) = 0 -(root1\_F123Atribute1) = 0 -(root1\_F124Atribute1) = 0 -(root1\_F20Atribute1) = -15 -(root1\_F121Atribute1) = 0 -(root1\_F122Atribute1) = 0 -(root1\_F22Atribute1) = -51 -(root1\_F120Atribute1) = 0 -(root1\_F25Atribute1) = -26 -(root1\_F27Atribute1) = 0 -(root1\_F28Atribute1) = 0 -(root1\_F29Atribute1) = 0 -(root1\_F6Atribute1) = -98 -(root1\_F9Atribute1) = -47 -(root1\_F8Atribute1) = 0 -(root1\_F2Atribute1) = -29 -(root1\_F4Atribute1) = -26 -(root1\_F129Atribute1) = 0 -(root1\_F127Atribute1) = 0 -(root1\_F128Atribute1) = 0 -(root1\_F136Atribute1) = 0 -(root1\_F137Atribute1) = 0 -(root1\_F134Atribute1) = 0 -(root1\_F30Atribute1) = 0 -(root1\_F135Atribute1) = -95 -(root1\_F132Atribute1) = -69 -(root1\_F31Atribute1) = 0 -(root1\_F133Atribute1) = -67 -(root1\_F130Atribute1) = 0 -(root1\_F33Atribute1) = 0 -(root1\_F131Atribute1) = 0 -(root1\_F35Atribute1) = 0 -(root1\_F37Atribute1) = 0 -(root1\_F38Atribute1) = 0 -(root1\_F39Atribute1) = 0 -(root1\_F80Atribute1) = -94 -(root1\_F82Atribute1) = -90 -(root1\_F103Atribute1) = -34 -(root1\_F83Atribute1) = -17 -(root1\_F104Atribute1) = -99 -(root1\_F84Atribute1) = -11 -(root1\_F101Atribute1) = -21 -(root1\_F102Atribute1) = -19 -(root1\_F86Atribute1) = 0 -(root1\_F100Atribute1) = -85 -(root1\_F87Atribute1) = 0 -(root1\_F88Atribute1) = -82 -(root1\_F89Atribute1) = 0 -(root1\_F109Atribute1) = 0 -(root1\_F107Atribute1) = -72 -(root1\_F108Atribute1) = -92 -(root1\_F90Atribute1) = -15 -(root1\_F105Atribute1) = -93 -(root1\_F91Atribute1) = -98 -(root1\_F106Atribute1) = -91 -(root1\_F92Atribute1) = -32 -(root1\_F114Atribute1) = 0 -(root1\_F93Atribute1) = 0 -(root1\_F94Atribute1) = -80 -(root1\_F96Atribute1) = 0 -(root1\_F113Atribute1) = 0 -(root1\_F97Atribute1) = 0 -(root1\_F110Atribute1) = 0 -(root1\_F10Atribute1) = -46 -(root1\_F11Atribute1) = 0 -(root1\_F99Atribute1) = 0 -(root1\_F13Atribute1) = 0 -(root1\_F15Atribute1) = -74 -(root1\_F16Atribute1) = -17 -(root1\_F17Atribute1) = 0 -(root1\_F18Atribute1) = -15 -(root1\_F19Atribute1) = -72 totalAtribute0 = 2793 totalAtribute1 = -2689 .

- Solution #5 found. Solver[Solver-0], 5 Solutions, Resolution time 0.179s, 39 Nodes (218.1 n/s), 7 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_F1 = 1 feature\_root1\_F18 = 1 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 1 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 1 feature\_root1\_F75 = 0 feature\_root1\_F76 = 1 feature\_root1\_F77 = 1 feature\_root1\_F118 = 0 feature\_root1\_F78 = 1 feature\_root1\_F79 = 0 feature\_root1\_F80 = 1 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 1 feature\_root1\_F83 = 1 feature\_root1\_F84 = 1 feature\_root1\_F65 = 1 feature\_root1\_F66 = 1 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 1 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 1 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 0 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 0 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 0 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 0 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 15 TMP\_0 = 0 not(TMP\_0) = 1 TMP\_1 = 0 not(TMP\_1) = 1 TMP\_2 = 1 not(TMP\_2) = 0 TMP\_3 = 1 not(TMP\_3) = 0 root1\_F18Atribute0 = 86 TMP\_4 = 0 not(TMP\_4) = 1 TMP\_5 = 0 not(TMP\_5) = 1 TMP\_6 = 1 not(TMP\_6) = 0 TMP\_7 = 1 not(TMP\_7) = 0 root1\_F19Atribute1 = 72 TMP\_8 = 0 not(TMP\_8) = 1 TMP\_9 = 0 not(TMP\_9) = 1 TMP\_10 = 1 not(TMP\_10) = 0 TMP\_11 = 1 not(TMP\_11) = 0 root1\_F19Atribute0 = 64 TMP\_12 = 0 not(TMP\_12) = 1 TMP\_13 = 0 not(TMP\_13) = 1 TMP\_14 = 1 not(TMP\_14) = 0 TMP\_15 = 1 not(TMP\_15) = 0 root1\_F20Atribute1 = 15 TMP\_16 = 0 not(TMP\_16) = 1 TMP\_17 = 0 not(TMP\_17) = 1 TMP\_18 = 1 not(TMP\_18) = 0 TMP\_19 = 1 not(TMP\_19) = 0 root1\_F20Atribute0 = 61 TMP\_20 = 0 not(TMP\_20) = 1 TMP\_21 = 0 not(TMP\_21) = 1 TMP\_22 = 1 not(TMP\_22) = 0 TMP\_23 = 1 not(TMP\_23) = 0 root1\_F140Atribute1 = 0 TMP\_24 = 1 not(TMP\_24) = 0 TMP\_25 = 1 not(TMP\_25) = 0 TMP\_26 = 0 not(TMP\_26) = 1 TMP\_27 = 0 not(TMP\_27) = 1 root1\_F140Atribute0 = 0 TMP\_28 = 1 not(TMP\_28) = 0 TMP\_29 = 1 not(TMP\_29) = 0 TMP\_30 = 0 not(TMP\_30) = 1 TMP\_31 = 0 not(TMP\_31) = 1 root1\_F141Atribute1 = 0 TMP\_32 = 1 not(TMP\_32) = 0 TMP\_33 = 1 not(TMP\_33) = 0 TMP\_34 = 0 not(TMP\_34) = 1 TMP\_35 = 0 not(TMP\_35) = 1 root1\_F141Atribute0 = 0 TMP\_36 = 1 not(TMP\_36) = 0 TMP\_37 = 1 not(TMP\_37) = 0 TMP\_38 = 0 not(TMP\_38) = 1 TMP\_39 = 0 not(TMP\_39) = 1 root1\_F142Atribute1 = 0 TMP\_40 = 1 not(TMP\_40) = 0 TMP\_41 = 1 not(TMP\_41) = 0 TMP\_42 = 0 not(TMP\_42) = 1 TMP\_43 = 0 not(TMP\_43) = 1 root1\_F142Atribute0 = 0 TMP\_44 = 1 not(TMP\_44) = 0 TMP\_45 = 1 not(TMP\_45) = 0 TMP\_46 = 0 not(TMP\_46) = 1 TMP\_47 = 0 not(TMP\_47) = 1 root1\_F143Atribute1 = 0 TMP\_48 = 1 not(TMP\_48) = 0 TMP\_49 = 1 not(TMP\_49) = 0 TMP\_50 = 0 not(TMP\_50) = 1 TMP\_51 = 0 not(TMP\_51) = 1 root1\_F143Atribute0 = 0 TMP\_52 = 1 not(TMP\_52) = 0 TMP\_53 = 1 not(TMP\_53) = 0 TMP\_54 = 0 not(TMP\_54) = 1 TMP\_55 = 0 not(TMP\_55) = 1 root1\_F144Atribute1 = 0 TMP\_56 = 1 not(TMP\_56) = 0 TMP\_57 = 1 not(TMP\_57) = 0 TMP\_58 = 0 not(TMP\_58) = 1 TMP\_59 = 0 not(TMP\_59) = 1 root1\_F144Atribute0 = 0 TMP\_60 = 1 not(TMP\_60) = 0 TMP\_61 = 1 not(TMP\_61) = 0 TMP\_62 = 0 not(TMP\_62) = 1 TMP\_63 = 0 not(TMP\_63) = 1 root1\_F22Atribute1 = 51 TMP\_64 = 0 not(TMP\_64) = 1 TMP\_65 = 0 not(TMP\_65) = 1 TMP\_66 = 1 not(TMP\_66) = 0 TMP\_67 = 1 not(TMP\_67) = 0 root1\_F22Atribute0 = 69 TMP\_68 = 0 not(TMP\_68) = 1 TMP\_69 = 0 not(TMP\_69) = 1 TMP\_70 = 1 not(TMP\_70) = 0 TMP\_71 = 1 not(TMP\_71) = 0 root1\_F54Atribute1 = 32 TMP\_72 = 0 not(TMP\_72) = 1 TMP\_73 = 0 not(TMP\_73) = 1 TMP\_74 = 1 not(TMP\_74) = 0 TMP\_75 = 1 not(TMP\_75) = 0 root1\_F54Atribute0 = 96 TMP\_76 = 0 not(TMP\_76) = 1 TMP\_77 = 0 not(TMP\_77) = 1 TMP\_78 = 1 not(TMP\_78) = 0 TMP\_79 = 1 not(TMP\_79) = 0 root1\_F55Atribute1 = 12 TMP\_80 = 0 not(TMP\_80) = 1 TMP\_81 = 0 not(TMP\_81) = 1 TMP\_82 = 1 not(TMP\_82) = 0 TMP\_83 = 1 not(TMP\_83) = 0 root1\_F55Atribute0 = 76 TMP\_84 = 0 not(TMP\_84) = 1 TMP\_85 = 0 not(TMP\_85) = 1 TMP\_86 = 1 not(TMP\_86) = 0 TMP\_87 = 1 not(TMP\_87) = 0 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not(TMP\_115) = 0 root1\_F59Atribute0 = 93 TMP\_116 = 0 not(TMP\_116) = 1 TMP\_117 = 0 not(TMP\_117) = 1 TMP\_118 = 1 not(TMP\_118) = 0 TMP\_119 = 1 not(TMP\_119) = 0 root1\_F60Atribute1 = 1 TMP\_120 = 0 not(TMP\_120) = 1 TMP\_121 = 0 not(TMP\_121) = 1 TMP\_122 = 1 not(TMP\_122) = 0 TMP\_123 = 1 not(TMP\_123) = 0 root1\_F60Atribute0 = 44 TMP\_124 = 0 not(TMP\_124) = 1 TMP\_125 = 0 not(TMP\_125) = 1 TMP\_126 = 1 not(TMP\_126) = 0 TMP\_127 = 1 not(TMP\_127) = 0 root1\_F61Atribute1 = 91 TMP\_128 = 0 not(TMP\_128) = 1 TMP\_129 = 0 not(TMP\_129) = 1 TMP\_130 = 1 not(TMP\_130) = 0 TMP\_131 = 1 not(TMP\_131) = 0 root1\_F61Atribute0 = 65 TMP\_132 = 0 not(TMP\_132) = 1 TMP\_133 = 0 not(TMP\_133) = 1 TMP\_134 = 1 not(TMP\_134) = 0 TMP\_135 = 1 not(TMP\_135) = 0 root1\_F62Atribute1 = 74 TMP\_136 = 0 not(TMP\_136) = 1 TMP\_137 = 0 not(TMP\_137) = 1 TMP\_138 = 1 not(TMP\_138) = 0 TMP\_139 = 1 not(TMP\_139) = 0 root1\_F62Atribute0 = 47 TMP\_140 = 0 not(TMP\_140) = 1 TMP\_141 = 0 not(TMP\_141) = 1 TMP\_142 = 1 not(TMP\_142) = 0 TMP\_143 = 1 not(TMP\_143) = 0 root1\_F63Atribute1 = 15 TMP\_144 = 0 not(TMP\_144) = 1 TMP\_145 = 0 not(TMP\_145) = 1 TMP\_146 = 1 not(TMP\_146) = 0 TMP\_147 = 1 not(TMP\_147) = 0 root1\_F63Atribute0 = 27 TMP\_148 = 0 not(TMP\_148) = 1 TMP\_149 = 0 not(TMP\_149) = 1 TMP\_150 = 1 not(TMP\_150) = 0 TMP\_151 = 1 not(TMP\_151) = 0 root1\_F75Atribute1 = 0 TMP\_152 = 1 not(TMP\_152) = 0 TMP\_153 = 1 not(TMP\_153) = 0 TMP\_154 = 0 not(TMP\_154) = 1 TMP\_155 = 0 not(TMP\_155) = 1 root1\_F75Atribute0 = 0 TMP\_156 = 1 not(TMP\_156) = 0 TMP\_157 = 1 not(TMP\_157) = 0 TMP\_158 = 0 not(TMP\_158) = 1 TMP\_159 = 0 not(TMP\_159) = 1 root1\_F76Atribute1 = 31 TMP\_160 = 0 not(TMP\_160) = 1 TMP\_161 = 0 not(TMP\_161) = 1 TMP\_162 = 1 not(TMP\_162) = 0 TMP\_163 = 1 not(TMP\_163) = 0 root1\_F76Atribute0 = 62 TMP\_164 = 0 not(TMP\_164) = 1 TMP\_165 = 0 not(TMP\_165) = 1 TMP\_166 = 1 not(TMP\_166) = 0 TMP\_167 = 1 not(TMP\_167) = 0 root1\_F118Atribute1 = 0 TMP\_168 = 1 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root1\_F69Atribute0 = 6 TMP\_330 = 0 not(TMP\_330) = 1 TMP\_331 = 0 not(TMP\_331) = 1 TMP\_332 = 1 not(TMP\_332) = 0 TMP\_333 = 1 not(TMP\_333) = 0 root1\_F25Atribute1 = 26 TMP\_334 = 0 not(TMP\_334) = 1 TMP\_335 = 0 not(TMP\_335) = 1 TMP\_336 = 1 not(TMP\_336) = 0 TMP\_337 = 1 not(TMP\_337) = 0 root1\_F25Atribute0 = 52 TMP\_338 = 0 not(TMP\_338) = 1 TMP\_339 = 0 not(TMP\_339) = 1 TMP\_340 = 1 not(TMP\_340) = 0 TMP\_341 = 1 not(TMP\_341) = 0 root1\_F74Atribute1 = 16 TMP\_342 = 0 not(TMP\_342) = 1 TMP\_343 = 0 not(TMP\_343) = 1 TMP\_344 = 1 not(TMP\_344) = 0 TMP\_345 = 1 not(TMP\_345) = 0 root1\_F74Atribute0 = 51 TMP\_346 = 0 not(TMP\_346) = 1 TMP\_347 = 0 not(TMP\_347) = 1 TMP\_348 = 1 not(TMP\_348) = 0 TMP\_349 = 1 not(TMP\_349) = 0 root1\_F2Atribute1 = 29 TMP\_350 = 0 not(TMP\_350) = 1 TMP\_351 = 0 not(TMP\_351) = 1 TMP\_352 = 1 not(TMP\_352) = 0 TMP\_353 = 1 not(TMP\_353) = 0 root1\_F2Atribute0 = 91 TMP\_354 = 0 not(TMP\_354) = 1 TMP\_355 = 0 not(TMP\_355) = 1 TMP\_356 = 1 not(TMP\_356) = 0 TMP\_357 = 1 not(TMP\_357) = 0 root1\_F70Atribute1 = 0 TMP\_358 = 1 not(TMP\_358) = 0 TMP\_359 = 1 not(TMP\_359) = 0 TMP\_360 = 0 not(TMP\_360) = 1 TMP\_361 = 0 not(TMP\_361) = 1 root1\_F70Atribute0 = 0 TMP\_362 = 1 not(TMP\_362) = 0 TMP\_363 = 1 not(TMP\_363) = 0 TMP\_364 = 0 not(TMP\_364) = 1 TMP\_365 = 0 not(TMP\_365) = 1 root1\_F71Atribute1 = 37 TMP\_366 = 0 not(TMP\_366) = 1 TMP\_367 = 0 not(TMP\_367) = 1 TMP\_368 = 1 not(TMP\_368) = 0 TMP\_369 = 1 not(TMP\_369) = 0 root1\_F71Atribute0 = 86 TMP\_370 = 0 not(TMP\_370) = 1 TMP\_371 = 0 not(TMP\_371) = 1 TMP\_372 = 1 not(TMP\_372) = 0 TMP\_373 = 1 not(TMP\_373) = 0 root1\_F72Atribute1 = 0 TMP\_374 = 1 not(TMP\_374) = 0 TMP\_375 = 1 not(TMP\_375) = 0 TMP\_376 = 0 not(TMP\_376) = 1 TMP\_377 = 0 not(TMP\_377) = 1 root1\_F72Atribute0 = 0 TMP\_378 = 1 not(TMP\_378) = 0 TMP\_379 = 1 not(TMP\_379) = 0 TMP\_380 = 0 not(TMP\_380) = 1 TMP\_381 = 0 not(TMP\_381) = 1 root1\_F100Atribute1 = 85 TMP\_382 = 0 not(TMP\_382) = 1 TMP\_383 = 0 not(TMP\_383) = 1 TMP\_384 = 1 not(TMP\_384) = 0 TMP\_385 = 1 not(TMP\_385) = 0 root1\_F100Atribute0 = 16 TMP\_386 = 0 not(TMP\_386) = 1 TMP\_387 = 0 not(TMP\_387) = 1 TMP\_388 = 1 not(TMP\_388) = 0 TMP\_389 = 1 not(TMP\_389) = 0 root1\_F101Atribute1 = 21 TMP\_390 = 0 not(TMP\_390) = 1 TMP\_391 = 0 not(TMP\_391) = 1 TMP\_392 = 1 not(TMP\_392) = 0 TMP\_393 = 1 not(TMP\_393) = 0 root1\_F101Atribute0 = 23 TMP\_394 = 0 not(TMP\_394) = 1 TMP\_395 = 0 not(TMP\_395) = 1 TMP\_396 = 1 not(TMP\_396) = 0 TMP\_397 = 1 not(TMP\_397) = 0 root1\_F102Atribute1 = 19 TMP\_398 = 0 not(TMP\_398) = 1 TMP\_399 = 0 not(TMP\_399) = 1 TMP\_400 = 1 not(TMP\_400) = 0 TMP\_401 = 1 not(TMP\_401) = 0 root1\_F102Atribute0 = 31 TMP\_402 = 0 not(TMP\_402) = 1 TMP\_403 = 0 not(TMP\_403) = 1 TMP\_404 = 1 not(TMP\_404) = 0 TMP\_405 = 1 not(TMP\_405) = 0 root1\_F103Atribute1 = 34 TMP\_406 = 0 not(TMP\_406) = 1 TMP\_407 = 0 not(TMP\_407) = 1 TMP\_408 = 1 not(TMP\_408) = 0 TMP\_409 = 1 not(TMP\_409) = 0 root1\_F103Atribute0 = 28 TMP\_410 = 0 not(TMP\_410) = 1 TMP\_411 = 0 not(TMP\_411) = 1 TMP\_412 = 1 not(TMP\_412) = 0 TMP\_413 = 1 not(TMP\_413) = 0 root1\_F104Atribute1 = 99 TMP\_414 = 0 not(TMP\_414) = 1 TMP\_415 = 0 not(TMP\_415) = 1 TMP\_416 = 1 not(TMP\_416) = 0 TMP\_417 = 1 not(TMP\_417) = 0 root1\_F104Atribute0 = 37 TMP\_418 = 0 not(TMP\_418) = 1 TMP\_419 = 0 not(TMP\_419) = 1 TMP\_420 = 1 not(TMP\_420) = 0 TMP\_421 = 1 not(TMP\_421) = 0 root1\_F105Atribute1 = 93 TMP\_422 = 0 not(TMP\_422) = 1 TMP\_423 = 0 not(TMP\_423) = 1 TMP\_424 = 1 not(TMP\_424) = 0 TMP\_425 = 1 not(TMP\_425) = 0 root1\_F105Atribute0 = 75 TMP\_426 = 0 not(TMP\_426) = 1 TMP\_427 = 0 not(TMP\_427) = 1 TMP\_428 = 1 not(TMP\_428) = 0 TMP\_429 = 1 not(TMP\_429) = 0 root1\_F106Atribute1 = 91 TMP\_430 = 0 not(TMP\_430) = 1 TMP\_431 = 0 not(TMP\_431) = 1 TMP\_432 = 1 not(TMP\_432) = 0 TMP\_433 = 1 not(TMP\_433) = 0 root1\_F106Atribute0 = 24 TMP\_434 = 0 not(TMP\_434) = 1 TMP\_435 = 0 not(TMP\_435) = 1 TMP\_436 = 1 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TMP\_463 = 1 not(TMP\_463) = 0 TMP\_464 = 0 not(TMP\_464) = 1 TMP\_465 = 0 not(TMP\_465) = 1 root1\_F8Atribute0 = 0 TMP\_466 = 1 not(TMP\_466) = 0 TMP\_467 = 1 not(TMP\_467) = 0 TMP\_468 = 0 not(TMP\_468) = 1 TMP\_469 = 0 not(TMP\_469) = 1 root1\_F9Atribute1 = 47 TMP\_470 = 0 not(TMP\_470) = 1 TMP\_471 = 0 not(TMP\_471) = 1 TMP\_472 = 1 not(TMP\_472) = 0 TMP\_473 = 1 not(TMP\_473) = 0 root1\_F9Atribute0 = 68 TMP\_474 = 0 not(TMP\_474) = 1 TMP\_475 = 0 not(TMP\_475) = 1 TMP\_476 = 1 not(TMP\_476) = 0 TMP\_477 = 1 not(TMP\_477) = 0 root1\_F10Atribute1 = 46 TMP\_478 = 0 not(TMP\_478) = 1 TMP\_479 = 0 not(TMP\_479) = 1 TMP\_480 = 1 not(TMP\_480) = 0 TMP\_481 = 1 not(TMP\_481) = 0 root1\_F10Atribute0 = 91 TMP\_482 = 0 not(TMP\_482) = 1 TMP\_483 = 0 not(TMP\_483) = 1 TMP\_484 = 1 not(TMP\_484) = 0 TMP\_485 = 1 not(TMP\_485) = 0 root1\_F11Atribute1 = 0 TMP\_486 = 1 not(TMP\_486) = 0 TMP\_487 = 1 not(TMP\_487) = 0 TMP\_488 = 0 not(TMP\_488) = 1 TMP\_489 = 0 not(TMP\_489) = 1 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= 1 TMP\_517 = 0 not(TMP\_517) = 1 root1\_F30Atribute1 = 0 TMP\_518 = 1 not(TMP\_518) = 0 TMP\_519 = 1 not(TMP\_519) = 0 TMP\_520 = 0 not(TMP\_520) = 1 TMP\_521 = 0 not(TMP\_521) = 1 root1\_F30Atribute0 = 0 TMP\_522 = 1 not(TMP\_522) = 0 TMP\_523 = 1 not(TMP\_523) = 0 TMP\_524 = 0 not(TMP\_524) = 1 TMP\_525 = 0 not(TMP\_525) = 1 root1\_F31Atribute1 = 0 TMP\_526 = 1 not(TMP\_526) = 0 TMP\_527 = 1 not(TMP\_527) = 0 TMP\_528 = 0 not(TMP\_528) = 1 TMP\_529 = 0 not(TMP\_529) = 1 root1\_F31Atribute0 = 0 TMP\_530 = 1 not(TMP\_530) = 0 TMP\_531 = 1 not(TMP\_531) = 0 TMP\_532 = 0 not(TMP\_532) = 1 TMP\_533 = 0 not(TMP\_533) = 1 root1\_F87Atribute1 = 0 TMP\_534 = 1 not(TMP\_534) = 0 TMP\_535 = 1 not(TMP\_535) = 0 TMP\_536 = 0 not(TMP\_536) = 1 TMP\_537 = 0 not(TMP\_537) = 1 root1\_F87Atribute0 = 0 TMP\_538 = 1 not(TMP\_538) = 0 TMP\_539 = 1 not(TMP\_539) = 0 TMP\_540 = 0 not(TMP\_540) = 1 TMP\_541 = 0 not(TMP\_541) = 1 root1\_F33Atribute1 = 0 TMP\_542 = 1 not(TMP\_542) = 0 TMP\_543 = 1 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TMP\_811 = 1 not(TMP\_811) = 0 TMP\_812 = 0 not(TMP\_812) = 1 TMP\_813 = 0 not(TMP\_813) = 1 root1\_F117Atribute1 = 0 TMP\_814 = 1 not(TMP\_814) = 0 TMP\_815 = 1 not(TMP\_815) = 0 TMP\_816 = 0 not(TMP\_816) = 1 TMP\_817 = 0 not(TMP\_817) = 1 root1\_F117Atribute0 = 0 TMP\_818 = 1 not(TMP\_818) = 0 TMP\_819 = 1 not(TMP\_819) = 0 TMP\_820 = 0 not(TMP\_820) = 1 TMP\_821 = 0 not(TMP\_821) = 1 root1\_F49Atribute1 = 0 TMP\_822 = 1 not(TMP\_822) = 0 TMP\_823 = 1 not(TMP\_823) = 0 TMP\_824 = 0 not(TMP\_824) = 1 TMP\_825 = 0 not(TMP\_825) = 1 root1\_F49Atribute0 = 0 TMP\_826 = 1 not(TMP\_826) = 0 TMP\_827 = 1 not(TMP\_827) = 0 TMP\_828 = 0 not(TMP\_828) = 1 TMP\_829 = 0 not(TMP\_829) = 1 root1\_F43Atribute1 = 0 TMP\_830 = 1 not(TMP\_830) = 0 TMP\_831 = 1 not(TMP\_831) = 0 TMP\_832 = 0 not(TMP\_832) = 1 TMP\_833 = 0 not(TMP\_833) = 1 root1\_F43Atribute0 = 0 TMP\_834 = 1 not(TMP\_834) = 0 TMP\_835 = 1 not(TMP\_835) = 0 TMP\_836 = 0 not(TMP\_836) = 1 TMP\_837 = 0 not(TMP\_837) = 1 root1\_F44Atribute1 = 0 TMP\_838 = 1 not(TMP\_838) = 0 TMP\_839 = 1 not(TMP\_839) = 0 TMP\_840 = 0 not(TMP\_840) = 1 TMP\_841 = 0 not(TMP\_841) = 1 root1\_F44Atribute0 = 0 TMP\_842 = 1 not(TMP\_842) = 0 TMP\_843 = 1 not(TMP\_843) = 0 TMP\_844 = 0 not(TMP\_844) = 1 TMP\_845 = 0 not(TMP\_845) = 1 root1\_F45Atribute1 = 0 TMP\_846 = 1 not(TMP\_846) = 0 TMP\_847 = 1 not(TMP\_847) = 0 TMP\_848 = 0 not(TMP\_848) = 1 TMP\_849 = 0 not(TMP\_849) = 1 root1\_F45Atribute0 = 0 TMP\_850 = 1 not(TMP\_850) = 0 TMP\_851 = 1 not(TMP\_851) = 0 TMP\_852 = 0 not(TMP\_852) = 1 TMP\_853 = 0 not(TMP\_853) = 1 root1\_F35Atribute1 = 0 TMP\_854 = 1 not(TMP\_854) = 0 TMP\_855 = 1 not(TMP\_855) = 0 TMP\_856 = 0 not(TMP\_856) = 1 TMP\_857 = 0 not(TMP\_857) = 1 root1\_F35Atribute0 = 0 TMP\_858 = 1 not(TMP\_858) = 0 TMP\_859 = 1 not(TMP\_859) = 0 TMP\_860 = 0 not(TMP\_860) = 1 TMP\_861 = 0 not(TMP\_861) = 1 root1\_F13Atribute1 = 0 TMP\_862 = 1 not(TMP\_862) = 0 TMP\_863 = 1 not(TMP\_863) = 0 TMP\_864 = 0 not(TMP\_864) = 1 TMP\_865 = 0 not(TMP\_865) = 1 root1\_F13Atribute0 = 0 TMP\_866 = 1 not(TMP\_866) = 0 TMP\_867 = 1 not(TMP\_867) = 0 TMP\_868 = 0 not(TMP\_868) = 1 TMP\_869 = 0 not(TMP\_869) = 1 root1\_F50Atribute1 = 0 TMP\_870 = 1 not(TMP\_870) = 0 TMP\_871 = 1 not(TMP\_871) = 0 TMP\_872 = 0 not(TMP\_872) = 1 TMP\_873 = 0 not(TMP\_873) = 1 root1\_F50Atribute0 = 0 TMP\_874 = 1 not(TMP\_874) = 0 TMP\_875 = 1 not(TMP\_875) = 0 TMP\_876 = 0 not(TMP\_876) = 1 TMP\_877 = 0 not(TMP\_877) = 1 root1\_F153Atribute1 = 50 TMP\_878 = 0 not(TMP\_878) = 1 TMP\_879 = 0 not(TMP\_879) = 1 TMP\_880 = 1 not(TMP\_880) = 0 TMP\_881 = 1 not(TMP\_881) = 0 root1\_F153Atribute0 = 88 TMP\_882 = 0 not(TMP\_882) = 1 TMP\_883 = 0 not(TMP\_883) = 1 TMP\_884 = 1 not(TMP\_884) = 0 TMP\_885 = 1 not(TMP\_885) = 0 root1\_F154Atribute1 = 38 TMP\_886 = 0 not(TMP\_886) = 1 TMP\_887 = 0 not(TMP\_887) = 1 TMP\_888 = 1 not(TMP\_888) = 0 TMP\_889 = 1 not(TMP\_889) = 0 root1\_F154Atribute0 = 34 TMP\_890 = 0 not(TMP\_890) = 1 TMP\_891 = 0 not(TMP\_891) = 1 TMP\_892 = 1 not(TMP\_892) = 0 TMP\_893 = 1 not(TMP\_893) = 0 root1\_F155Atribute1 = 62 TMP\_894 = 0 not(TMP\_894) = 1 TMP\_895 = 0 not(TMP\_895) = 1 TMP\_896 = 1 not(TMP\_896) = 0 TMP\_897 = 1 not(TMP\_897) = 0 root1\_F155Atribute0 = 77 TMP\_898 = 0 not(TMP\_898) = 1 TMP\_899 = 0 not(TMP\_899) = 1 TMP\_900 = 1 not(TMP\_900) = 0 TMP\_901 = 1 not(TMP\_901) = 0 root1\_F156Atribute1 = 76 TMP\_902 = 0 not(TMP\_902) = 1 TMP\_903 = 0 not(TMP\_903) = 1 TMP\_904 = 1 not(TMP\_904) = 0 TMP\_905 = 1 not(TMP\_905) = 0 root1\_F156Atribute0 = 35 TMP\_906 = 0 not(TMP\_906) = 1 TMP\_907 = 0 not(TMP\_907) = 1 TMP\_908 = 1 not(TMP\_908) = 0 TMP\_909 = 1 not(TMP\_909) = 0 root1\_F157Atribute1 = 23 TMP\_910 = 0 not(TMP\_910) = 1 TMP\_911 = 0 not(TMP\_911) = 1 TMP\_912 = 1 not(TMP\_912) = 0 TMP\_913 = 1 not(TMP\_913) = 0 root1\_F157Atribute0 = 39 TMP\_914 = 0 not(TMP\_914) = 1 TMP\_915 = 0 not(TMP\_915) = 1 TMP\_916 = 1 not(TMP\_916) = 0 TMP\_917 = 1 not(TMP\_917) = 0 root1\_F133Atribute1 = 67 TMP\_918 = 0 not(TMP\_918) = 1 TMP\_919 = 0 not(TMP\_919) = 1 TMP\_920 = 1 not(TMP\_920) = 0 TMP\_921 = 1 not(TMP\_921) = 0 root1\_F133Atribute0 = 26 TMP\_922 = 0 not(TMP\_922) = 1 TMP\_923 = 0 not(TMP\_923) = 1 TMP\_924 = 1 not(TMP\_924) = 0 TMP\_925 = 1 not(TMP\_925) = 0 root1\_F134Atribute1 = 0 TMP\_926 = 1 not(TMP\_926) = 0 TMP\_927 = 1 not(TMP\_927) = 0 TMP\_928 = 0 not(TMP\_928) = 1 TMP\_929 = 0 not(TMP\_929) = 1 root1\_F134Atribute0 = 0 TMP\_930 = 1 not(TMP\_930) = 0 TMP\_931 = 1 not(TMP\_931) = 0 TMP\_932 = 0 not(TMP\_932) = 1 TMP\_933 = 0 not(TMP\_933) = 1 root1\_F135Atribute1 = 95 TMP\_934 = 0 not(TMP\_934) = 1 TMP\_935 = 0 not(TMP\_935) = 1 TMP\_936 = 1 not(TMP\_936) = 0 TMP\_937 = 1 not(TMP\_937) = 0 root1\_F135Atribute0 = 68 TMP\_938 = 0 not(TMP\_938) = 1 TMP\_939 = 0 not(TMP\_939) = 1 TMP\_940 = 1 not(TMP\_940) = 0 TMP\_941 = 1 not(TMP\_941) = 0 root1\_F15Atribute1 = 74 TMP\_942 = 0 not(TMP\_942) = 1 TMP\_943 = 0 not(TMP\_943) = 1 TMP\_944 = 1 not(TMP\_944) = 0 TMP\_945 = 1 not(TMP\_945) = 0 root1\_F15Atribute0 = 78 TMP\_946 = 0 not(TMP\_946) = 1 TMP\_947 = 0 not(TMP\_947) = 1 TMP\_948 = 1 not(TMP\_948) = 0 TMP\_949 = 1 not(TMP\_949) = 0 root1\_F16Atribute1 = 17 TMP\_950 = 0 not(TMP\_950) = 1 TMP\_951 = 0 not(TMP\_951) = 1 TMP\_952 = 1 not(TMP\_952) = 0 TMP\_953 = 1 not(TMP\_953) = 0 root1\_F16Atribute0 = 66 TMP\_954 = 0 not(TMP\_954) = 1 TMP\_955 = 0 not(TMP\_955) = 1 TMP\_956 = 1 not(TMP\_956) = 0 TMP\_957 = 1 not(TMP\_957) = 0 root1\_F17Atribute1 = 0 TMP\_958 = 1 not(TMP\_958) = 0 TMP\_959 = 1 not(TMP\_959) = 0 TMP\_960 = 0 not(TMP\_960) = 1 TMP\_961 = 0 not(TMP\_961) = 1 root1\_F17Atribute0 = 0 TMP\_962 = 1 not(TMP\_962) = 0 TMP\_963 = 1 not(TMP\_963) = 0 TMP\_964 = 0 not(TMP\_964) = 1 TMP\_965 = 0 not(TMP\_965) = 1 root1\_F6Atribute1 = 98 TMP\_966 = 0 not(TMP\_966) = 1 TMP\_967 = 0 not(TMP\_967) = 1 TMP\_968 = 1 not(TMP\_968) = 0 TMP\_969 = 1 not(TMP\_969) = 0 root1\_F6Atribute0 = 44 TMP\_970 = 0 not(TMP\_970) = 1 TMP\_971 = 0 not(TMP\_971) = 1 TMP\_972 = 1 not(TMP\_972) = 0 TMP\_973 = 1 not(TMP\_973) = 0 root1\_F88Atribute1 = 82 TMP\_974 = 0 not(TMP\_974) = 1 TMP\_975 = 0 not(TMP\_975) = 1 TMP\_976 = 1 not(TMP\_976) = 0 TMP\_977 = 1 not(TMP\_977) = 0 root1\_F88Atribute0 = 30 TMP\_978 = 0 not(TMP\_978) = 1 TMP\_979 = 0 not(TMP\_979) = 1 TMP\_980 = 1 not(TMP\_980) = 0 TMP\_981 = 1 not(TMP\_981) = 0 root1\_F89Atribute1 = 0 TMP\_982 = 1 not(TMP\_982) = 0 TMP\_983 = 1 not(TMP\_983) = 0 TMP\_984 = 0 not(TMP\_984) = 1 TMP\_985 = 0 not(TMP\_985) = 1 root1\_F89Atribute0 = 0 TMP\_986 = 1 not(TMP\_986) = 0 TMP\_987 = 1 not(TMP\_987) = 0 TMP\_988 = 0 not(TMP\_988) = 1 TMP\_989 = 0 not(TMP\_989) = 1 root1\_F90Atribute1 = 15 TMP\_990 = 0 not(TMP\_990) = 1 TMP\_991 = 0 not(TMP\_991) = 1 TMP\_992 = 1 not(TMP\_992) = 0 TMP\_993 = 1 not(TMP\_993) = 0 root1\_F90Atribute0 = 14 TMP\_994 = 0 not(TMP\_994) = 1 TMP\_995 = 0 not(TMP\_995) = 1 TMP\_996 = 1 not(TMP\_996) = 0 TMP\_997 = 1 not(TMP\_997) = 0 root1\_F91Atribute1 = 98 TMP\_998 = 0 not(TMP\_998) = 1 TMP\_999 = 0 not(TMP\_999) = 1 TMP\_1000 = 1 not(TMP\_1000) = 0 TMP\_1001 = 1 not(TMP\_1001) = 0 root1\_F91Atribute0 = 98 TMP\_1002 = 0 not(TMP\_1002) = 1 TMP\_1003 = 0 not(TMP\_1003) = 1 TMP\_1004 = 1 not(TMP\_1004) = 0 TMP\_1005 = 1 not(TMP\_1005) = 0 root1\_F92Atribute1 = 32 TMP\_1006 = 0 not(TMP\_1006) = 1 TMP\_1007 = 0 not(TMP\_1007) = 1 TMP\_1008 = 1 not(TMP\_1008) = 0 TMP\_1009 = 1 not(TMP\_1009) = 0 root1\_F92Atribute0 = 95 TMP\_1010 = 0 not(TMP\_1010) = 1 TMP\_1011 = 0 not(TMP\_1011) = 1 TMP\_1012 = 1 not(TMP\_1012) = 0 TMP\_1013 = 1 not(TMP\_1013) = 0 root1\_F93Atribute1 = 7 TMP\_1014 = 0 not(TMP\_1014) = 1 TMP\_1015 = 0 not(TMP\_1015) = 1 TMP\_1016 = 1 not(TMP\_1016) = 0 TMP\_1017 = 1 not(TMP\_1017) = 0 root1\_F93Atribute0 = 30 TMP\_1018 = 0 not(TMP\_1018) = 1 TMP\_1019 = 0 not(TMP\_1019) = 1 TMP\_1020 = 1 not(TMP\_1020) = 0 TMP\_1021 = 1 not(TMP\_1021) = 0 root1\_F94Atribute1 = 80 TMP\_1022 = 0 not(TMP\_1022) = 1 TMP\_1023 = 0 not(TMP\_1023) = 1 TMP\_1024 = 1 not(TMP\_1024) = 0 TMP\_1025 = 1 not(TMP\_1025) = 0 root1\_F94Atribute0 = 26 TMP\_1026 = 0 not(TMP\_1026) = 1 TMP\_1027 = 0 not(TMP\_1027) = 1 TMP\_1028 = 1 not(TMP\_1028) = 0 TMP\_1029 = 1 not(TMP\_1029) = 0 sumOrroot1\_F23 = 1 TMP\_1030 = 1 not(TMP\_1030) = 0 not(feature\_root1\_F23) = 0 TMP\_1031 = 0 not(TMP\_1031) = 1 sumOrroot1\_F64 = 1 TMP\_1032 = 1 not(TMP\_1032) = 0 not(feature\_root1\_F64) = 0 TMP\_1033 = 0 not(TMP\_1033) = 1 sumOrroot1\_F24 = 1 TMP\_1034 = 1 not(TMP\_1034) = 0 not(feature\_root1\_F24) = 0 TMP\_1035 = 0 not(TMP\_1035) = 1 sumOrroot1\_F24 = 1 TMP\_1036 = 1 not(TMP\_1036) = 0 TMP\_1037 = 0 not(TMP\_1037) = 1 sumOrroot1\_F73 = 3 TMP\_1038 = 1 not(TMP\_1038) = 0 not(feature\_root1\_F73) = 0 TMP\_1039 = 0 not(TMP\_1039) = 1 sumOrroot1\_F5 = 1 TMP\_1040 = 1 not(TMP\_1040) = 0 not(feature\_root1\_F5) = 0 TMP\_1041 = 0 not(TMP\_1041) = 1 sumOrroot1\_F12 = 0 TMP\_1042 = 0 not(TMP\_1042) = 1 not(feature\_root1\_F12) = 1 TMP\_1043 = 1 not(TMP\_1043) = 0 sumOrroot1\_F36 = 0 TMP\_1044 = 0 not(TMP\_1044) = 1 not(feature\_root1\_F36) = 1 TMP\_1045 = 1 not(TMP\_1045) = 0 sumOrroot1\_F34 = 0 TMP\_1046 = 0 not(TMP\_1046) = 1 not(feature\_root1\_F34) = 1 TMP\_1047 = 1 not(TMP\_1047) = 0 sumOrroot1\_F48 = 0 TMP\_1048 = 0 not(TMP\_1048) = 1 not(feature\_root1\_F48) = 1 TMP\_1049 = 1 not(TMP\_1049) = 0 sumOrroot1\_F112 = 0 TMP\_1050 = 0 not(TMP\_1050) = 1 not(feature\_root1\_F112) = 1 TMP\_1051 = 1 not(TMP\_1051) = 0 sumOrroot1\_F5 = 3 TMP\_1052 = 1 not(TMP\_1052) = 0 TMP\_1053 = 0 not(TMP\_1053) = 1 sumOrroot1\_F52 = 1 TMP\_1054 = 1 not(TMP\_1054) = 0 not(feature\_root1\_F52) = 0 TMP\_1055 = 0 not(TMP\_1055) = 1 sumOrroot1\_F7 = 2 TMP\_1056 = 1 not(TMP\_1056) = 0 not(feature\_root1\_F7) = 0 TMP\_1057 = 0 not(TMP\_1057) = 1 -(root1\_F60Atribute1) = -1 -(root1\_F61Atribute1) = -91 -(root1\_F62Atribute1) = -74 -(root1\_F63Atribute1) = -15 -(root1\_F65Atribute1) = -32 -(root1\_F66Atribute1) = -21 -(root1\_F67Atribute1) = 0 -(root1\_F68Atribute1) = 0 -(root1\_F69Atribute1) = -81 -(root1\_F70Atribute1) = 0 -(root1\_F71Atribute1) = -37 -(root1\_F72Atribute1) = 0 -(root1\_F74Atribute1) = -16 -(root1\_F75Atribute1) = 0 -(root1\_F76Atribute1) = -31 -(root1\_F78Atribute1) = -15 -(root1\_F79Atribute1) = 0 -(root1\_F138Atribute1) = 0 -(root1\_F139Atribute1) = 0 -(root1\_F147Atribute1) = 0 -(root1\_F148Atribute1) = 0 -(root1\_F145Atribute1) = 0 -(root1\_F41Atribute1) = 0 -(root1\_F146Atribute1) = 0 -(root1\_F143Atribute1) = 0 -(root1\_F144Atribute1) = 0 -(root1\_F43Atribute1) = 0 -(root1\_F141Atribute1) = 0 -(root1\_F44Atribute1) = 0 -(root1\_F142Atribute1) = 0 -(root1\_F45Atribute1) = 0 -(root1\_F46Atribute1) = 0 -(root1\_F140Atribute1) = 0 -(root1\_F47Atribute1) = 0 -(root1\_F49Atribute1) = 0 -(root1\_F149Atribute1) = 0 -(root1\_F158Atribute1) = 0 -(root1\_F159Atribute1) = 0 -(root1\_F50Atribute1) = 0 -(root1\_F156Atribute1) = -76 -(root1\_F157Atribute1) = -23 -(root1\_F154Atribute1) = -38 -(root1\_F54Atribute1) = -32 -(root1\_F155Atribute1) = -62 -(root1\_F55Atribute1) = -12 -(root1\_F152Atribute1) = 0 -(root1\_F56Atribute1) = 0 -(root1\_F153Atribute1) = -50 -(root1\_F150Atribute1) = 0 -(root1\_F58Atribute1) = -61 -(root1\_F151Atribute1) = 0 -(root1\_F59Atribute1) = -49 -(root1\_F118Atribute1) = 0 -(root1\_F119Atribute1) = 0 -(root1\_F116Atribute1) = 0 -(root1\_F117Atribute1) = 0 -(root1\_F125Atribute1) = 0 -(root1\_F126Atribute1) = 0 -(root1\_F123Atribute1) = 0 -(root1\_F124Atribute1) = 0 -(root1\_F20Atribute1) = -15 -(root1\_F121Atribute1) = 0 -(root1\_F122Atribute1) = 0 -(root1\_F22Atribute1) = -51 -(root1\_F120Atribute1) = 0 -(root1\_F25Atribute1) = -26 -(root1\_F27Atribute1) = 0 -(root1\_F28Atribute1) = 0 -(root1\_F29Atribute1) = 0 -(root1\_F6Atribute1) = -98 -(root1\_F9Atribute1) = -47 -(root1\_F8Atribute1) = 0 -(root1\_F2Atribute1) = -29 -(root1\_F4Atribute1) = -26 -(root1\_F129Atribute1) = 0 -(root1\_F127Atribute1) = 0 -(root1\_F128Atribute1) = 0 -(root1\_F136Atribute1) = 0 -(root1\_F137Atribute1) = 0 -(root1\_F134Atribute1) = 0 -(root1\_F30Atribute1) = 0 -(root1\_F135Atribute1) = -95 -(root1\_F132Atribute1) = -69 -(root1\_F31Atribute1) = 0 -(root1\_F133Atribute1) = -67 -(root1\_F130Atribute1) = 0 -(root1\_F33Atribute1) = 0 -(root1\_F131Atribute1) = 0 -(root1\_F35Atribute1) = 0 -(root1\_F37Atribute1) = 0 -(root1\_F38Atribute1) = 0 -(root1\_F39Atribute1) = 0 -(root1\_F80Atribute1) = -94 -(root1\_F82Atribute1) = -90 -(root1\_F103Atribute1) = -34 -(root1\_F83Atribute1) = -17 -(root1\_F104Atribute1) = -99 -(root1\_F84Atribute1) = -11 -(root1\_F101Atribute1) = -21 -(root1\_F102Atribute1) = -19 -(root1\_F86Atribute1) = 0 -(root1\_F100Atribute1) = -85 -(root1\_F87Atribute1) = 0 -(root1\_F88Atribute1) = -82 -(root1\_F89Atribute1) = 0 -(root1\_F109Atribute1) = 0 -(root1\_F107Atribute1) = -72 -(root1\_F108Atribute1) = -92 -(root1\_F90Atribute1) = -15 -(root1\_F105Atribute1) = -93 -(root1\_F91Atribute1) = -98 -(root1\_F106Atribute1) = -91 -(root1\_F92Atribute1) = -32 -(root1\_F114Atribute1) = 0 -(root1\_F93Atribute1) = -7 -(root1\_F94Atribute1) = -80 -(root1\_F96Atribute1) = 0 -(root1\_F113Atribute1) = 0 -(root1\_F97Atribute1) = 0 -(root1\_F110Atribute1) = 0 -(root1\_F10Atribute1) = -46 -(root1\_F11Atribute1) = 0 -(root1\_F99Atribute1) = 0 -(root1\_F13Atribute1) = 0 -(root1\_F15Atribute1) = -74 -(root1\_F16Atribute1) = -17 -(root1\_F17Atribute1) = 0 -(root1\_F18Atribute1) = -15 -(root1\_F19Atribute1) = -72 totalAtribute0 = 2823 totalAtribute1 = -2696 .

- Solution #6 found. Solver[Solver-0], 6 Solutions, Resolution time 0.186s, 40 Nodes (214.6 n/s), 8 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_F1 = 1 feature\_root1\_F18 = 1 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 1 feature\_root1\_F75 = 0 feature\_root1\_F76 = 1 feature\_root1\_F77 = 1 feature\_root1\_F118 = 0 feature\_root1\_F78 = 1 feature\_root1\_F79 = 0 feature\_root1\_F80 = 1 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 1 feature\_root1\_F83 = 1 feature\_root1\_F84 = 1 feature\_root1\_F65 = 1 feature\_root1\_F66 = 1 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 1 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 1 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 0 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 0 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 0 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 0 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 15 TMP\_0 = 0 not(TMP\_0) = 1 TMP\_1 = 0 not(TMP\_1) = 1 TMP\_2 = 1 not(TMP\_2) = 0 TMP\_3 = 1 not(TMP\_3) = 0 root1\_F18Atribute0 = 86 TMP\_4 = 0 not(TMP\_4) = 1 TMP\_5 = 0 not(TMP\_5) = 1 TMP\_6 = 1 not(TMP\_6) = 0 TMP\_7 = 1 not(TMP\_7) = 0 root1\_F19Atribute1 = 72 TMP\_8 = 0 not(TMP\_8) = 1 TMP\_9 = 0 not(TMP\_9) = 1 TMP\_10 = 1 not(TMP\_10) = 0 TMP\_11 = 1 not(TMP\_11) = 0 root1\_F19Atribute0 = 64 TMP\_12 = 0 not(TMP\_12) = 1 TMP\_13 = 0 not(TMP\_13) = 1 TMP\_14 = 1 not(TMP\_14) = 0 TMP\_15 = 1 not(TMP\_15) = 0 root1\_F20Atribute1 = 15 TMP\_16 = 0 not(TMP\_16) = 1 TMP\_17 = 0 not(TMP\_17) = 1 TMP\_18 = 1 not(TMP\_18) = 0 TMP\_19 = 1 not(TMP\_19) = 0 root1\_F20Atribute0 = 61 TMP\_20 = 0 not(TMP\_20) = 1 TMP\_21 = 0 not(TMP\_21) = 1 TMP\_22 = 1 not(TMP\_22) = 0 TMP\_23 = 1 not(TMP\_23) = 0 root1\_F140Atribute1 = 0 TMP\_24 = 1 not(TMP\_24) = 0 TMP\_25 = 1 not(TMP\_25) = 0 TMP\_26 = 0 not(TMP\_26) = 1 TMP\_27 = 0 not(TMP\_27) = 1 root1\_F140Atribute0 = 0 TMP\_28 = 1 not(TMP\_28) = 0 TMP\_29 = 1 not(TMP\_29) = 0 TMP\_30 = 0 not(TMP\_30) = 1 TMP\_31 = 0 not(TMP\_31) = 1 root1\_F141Atribute1 = 0 TMP\_32 = 1 not(TMP\_32) = 0 TMP\_33 = 1 not(TMP\_33) = 0 TMP\_34 = 0 not(TMP\_34) = 1 TMP\_35 = 0 not(TMP\_35) = 1 root1\_F141Atribute0 = 0 TMP\_36 = 1 not(TMP\_36) = 0 TMP\_37 = 1 not(TMP\_37) = 0 TMP\_38 = 0 not(TMP\_38) = 1 TMP\_39 = 0 not(TMP\_39) = 1 root1\_F142Atribute1 = 0 TMP\_40 = 1 not(TMP\_40) = 0 TMP\_41 = 1 not(TMP\_41) = 0 TMP\_42 = 0 not(TMP\_42) = 1 TMP\_43 = 0 not(TMP\_43) = 1 root1\_F142Atribute0 = 0 TMP\_44 = 1 not(TMP\_44) = 0 TMP\_45 = 1 not(TMP\_45) = 0 TMP\_46 = 0 not(TMP\_46) = 1 TMP\_47 = 0 not(TMP\_47) = 1 root1\_F143Atribute1 = 0 TMP\_48 = 1 not(TMP\_48) = 0 TMP\_49 = 1 not(TMP\_49) = 0 TMP\_50 = 0 not(TMP\_50) = 1 TMP\_51 = 0 not(TMP\_51) = 1 root1\_F143Atribute0 = 0 TMP\_52 = 1 not(TMP\_52) = 0 TMP\_53 = 1 not(TMP\_53) = 0 TMP\_54 = 0 not(TMP\_54) = 1 TMP\_55 = 0 not(TMP\_55) = 1 root1\_F144Atribute1 = 0 TMP\_56 = 1 not(TMP\_56) = 0 TMP\_57 = 1 not(TMP\_57) = 0 TMP\_58 = 0 not(TMP\_58) = 1 TMP\_59 = 0 not(TMP\_59) = 1 root1\_F144Atribute0 = 0 TMP\_60 = 1 not(TMP\_60) = 0 TMP\_61 = 1 not(TMP\_61) = 0 TMP\_62 = 0 not(TMP\_62) = 1 TMP\_63 = 0 not(TMP\_63) = 1 root1\_F22Atribute1 = 51 TMP\_64 = 0 not(TMP\_64) = 1 TMP\_65 = 0 not(TMP\_65) = 1 TMP\_66 = 1 not(TMP\_66) = 0 TMP\_67 = 1 not(TMP\_67) = 0 root1\_F22Atribute0 = 69 TMP\_68 = 0 not(TMP\_68) = 1 TMP\_69 = 0 not(TMP\_69) = 1 TMP\_70 = 1 not(TMP\_70) = 0 TMP\_71 = 1 not(TMP\_71) = 0 root1\_F54Atribute1 = 32 TMP\_72 = 0 not(TMP\_72) = 1 TMP\_73 = 0 not(TMP\_73) = 1 TMP\_74 = 1 not(TMP\_74) = 0 TMP\_75 = 1 not(TMP\_75) = 0 root1\_F54Atribute0 = 96 TMP\_76 = 0 not(TMP\_76) = 1 TMP\_77 = 0 not(TMP\_77) = 1 TMP\_78 = 1 not(TMP\_78) = 0 TMP\_79 = 1 not(TMP\_79) = 0 root1\_F55Atribute1 = 12 TMP\_80 = 0 not(TMP\_80) = 1 TMP\_81 = 0 not(TMP\_81) = 1 TMP\_82 = 1 not(TMP\_82) = 0 TMP\_83 = 1 not(TMP\_83) = 0 root1\_F55Atribute0 = 76 TMP\_84 = 0 not(TMP\_84) = 1 TMP\_85 = 0 not(TMP\_85) = 1 TMP\_86 = 1 not(TMP\_86) = 0 TMP\_87 = 1 not(TMP\_87) = 0 root1\_F56Atribute1 = 0 TMP\_88 = 1 not(TMP\_88) = 0 TMP\_89 = 1 not(TMP\_89) = 0 TMP\_90 = 0 not(TMP\_90) = 1 TMP\_91 = 0 not(TMP\_91) = 1 root1\_F56Atribute0 = 0 TMP\_92 = 1 not(TMP\_92) = 0 TMP\_93 = 1 not(TMP\_93) = 0 TMP\_94 = 0 not(TMP\_94) = 1 TMP\_95 = 0 not(TMP\_95) = 1 root1\_F132Atribute1 = 69 TMP\_96 = 0 not(TMP\_96) = 1 TMP\_97 = 0 not(TMP\_97) = 1 TMP\_98 = 1 not(TMP\_98) = 0 TMP\_99 = 1 not(TMP\_99) = 0 root1\_F132Atribute0 = 61 TMP\_100 = 0 not(TMP\_100) = 1 TMP\_101 = 0 not(TMP\_101) = 1 TMP\_102 = 1 not(TMP\_102) = 0 TMP\_103 = 1 not(TMP\_103) = 0 root1\_F58Atribute1 = 61 TMP\_104 = 0 not(TMP\_104) = 1 TMP\_105 = 0 not(TMP\_105) = 1 TMP\_106 = 1 not(TMP\_106) = 0 TMP\_107 = 1 not(TMP\_107) = 0 root1\_F58Atribute0 = 39 TMP\_108 = 0 not(TMP\_108) = 1 TMP\_109 = 0 not(TMP\_109) = 1 TMP\_110 = 1 not(TMP\_110) = 0 TMP\_111 = 1 not(TMP\_111) = 0 root1\_F59Atribute1 = 49 TMP\_112 = 0 not(TMP\_112) = 1 TMP\_113 = 0 not(TMP\_113) = 1 TMP\_114 = 1 not(TMP\_114) = 0 TMP\_115 = 1 not(TMP\_115) = 0 root1\_F59Atribute0 = 93 TMP\_116 = 0 not(TMP\_116) = 1 TMP\_117 = 0 not(TMP\_117) = 1 TMP\_118 = 1 not(TMP\_118) = 0 TMP\_119 = 1 not(TMP\_119) = 0 root1\_F60Atribute1 = 1 TMP\_120 = 0 not(TMP\_120) = 1 TMP\_121 = 0 not(TMP\_121) = 1 TMP\_122 = 1 not(TMP\_122) = 0 TMP\_123 = 1 not(TMP\_123) = 0 root1\_F60Atribute0 = 44 TMP\_124 = 0 not(TMP\_124) = 1 TMP\_125 = 0 not(TMP\_125) = 1 TMP\_126 = 1 not(TMP\_126) = 0 TMP\_127 = 1 not(TMP\_127) = 0 root1\_F61Atribute1 = 0 TMP\_128 = 1 not(TMP\_128) = 0 TMP\_129 = 1 not(TMP\_129) = 0 TMP\_130 = 0 not(TMP\_130) = 1 TMP\_131 = 0 not(TMP\_131) = 1 root1\_F61Atribute0 = 0 TMP\_132 = 1 not(TMP\_132) = 0 TMP\_133 = 1 not(TMP\_133) = 0 TMP\_134 = 0 not(TMP\_134) = 1 TMP\_135 = 0 not(TMP\_135) = 1 root1\_F62Atribute1 = 74 TMP\_136 = 0 not(TMP\_136) = 1 TMP\_137 = 0 not(TMP\_137) = 1 TMP\_138 = 1 not(TMP\_138) = 0 TMP\_139 = 1 not(TMP\_139) = 0 root1\_F62Atribute0 = 47 TMP\_140 = 0 not(TMP\_140) = 1 TMP\_141 = 0 not(TMP\_141) = 1 TMP\_142 = 1 not(TMP\_142) = 0 TMP\_143 = 1 not(TMP\_143) = 0 root1\_F63Atribute1 = 15 TMP\_144 = 0 not(TMP\_144) = 1 TMP\_145 = 0 not(TMP\_145) = 1 TMP\_146 = 1 not(TMP\_146) = 0 TMP\_147 = 1 not(TMP\_147) = 0 root1\_F63Atribute0 = 27 TMP\_148 = 0 not(TMP\_148) = 1 TMP\_149 = 0 not(TMP\_149) = 1 TMP\_150 = 1 not(TMP\_150) = 0 TMP\_151 = 1 not(TMP\_151) = 0 root1\_F75Atribute1 = 0 TMP\_152 = 1 not(TMP\_152) = 0 TMP\_153 = 1 not(TMP\_153) = 0 TMP\_154 = 0 not(TMP\_154) = 1 TMP\_155 = 0 not(TMP\_155) = 1 root1\_F75Atribute0 = 0 TMP\_156 = 1 not(TMP\_156) = 0 TMP\_157 = 1 not(TMP\_157) = 0 TMP\_158 = 0 not(TMP\_158) = 1 TMP\_159 = 0 not(TMP\_159) = 1 root1\_F76Atribute1 = 31 TMP\_160 = 0 not(TMP\_160) = 1 TMP\_161 = 0 not(TMP\_161) = 1 TMP\_162 = 1 not(TMP\_162) = 0 TMP\_163 = 1 not(TMP\_163) = 0 root1\_F76Atribute0 = 62 TMP\_164 = 0 not(TMP\_164) = 1 TMP\_165 = 0 not(TMP\_165) = 1 TMP\_166 = 1 not(TMP\_166) = 0 TMP\_167 = 1 not(TMP\_167) = 0 root1\_F118Atribute1 = 0 TMP\_168 = 1 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0 root1\_F80Atribute0 = 1 TMP\_196 = 0 not(TMP\_196) = 1 TMP\_197 = 0 not(TMP\_197) = 1 TMP\_198 = 1 not(TMP\_198) = 0 TMP\_199 = 1 not(TMP\_199) = 0 root1\_F124Atribute1 = 0 TMP\_200 = 1 not(TMP\_200) = 0 TMP\_201 = 1 not(TMP\_201) = 0 TMP\_202 = 0 not(TMP\_202) = 1 TMP\_203 = 0 not(TMP\_203) = 1 root1\_F124Atribute0 = 0 TMP\_204 = 1 not(TMP\_204) = 0 TMP\_205 = 1 not(TMP\_205) = 0 TMP\_206 = 0 not(TMP\_206) = 1 TMP\_207 = 0 not(TMP\_207) = 1 root1\_F125Atribute1 = 0 TMP\_208 = 1 not(TMP\_208) = 0 TMP\_209 = 1 not(TMP\_209) = 0 TMP\_210 = 0 not(TMP\_210) = 1 TMP\_211 = 0 not(TMP\_211) = 1 root1\_F125Atribute0 = 0 TMP\_212 = 1 not(TMP\_212) = 0 TMP\_213 = 1 not(TMP\_213) = 0 TMP\_214 = 0 not(TMP\_214) = 1 TMP\_215 = 0 not(TMP\_215) = 1 root1\_F126Atribute1 = 0 TMP\_216 = 1 not(TMP\_216) = 0 TMP\_217 = 1 not(TMP\_217) = 0 TMP\_218 = 0 not(TMP\_218) = 1 TMP\_219 = 0 not(TMP\_219) = 1 root1\_F126Atribute0 = 0 TMP\_220 = 1 not(TMP\_220) = 0 TMP\_221 = 1 not(TMP\_221) = 0 TMP\_222 = 0 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TMP\_249 = 1 not(TMP\_249) = 0 TMP\_250 = 0 not(TMP\_250) = 1 TMP\_251 = 0 not(TMP\_251) = 1 root1\_F130Atribute0 = 0 TMP\_252 = 1 not(TMP\_252) = 0 TMP\_253 = 1 not(TMP\_253) = 0 TMP\_254 = 0 not(TMP\_254) = 1 TMP\_255 = 0 not(TMP\_255) = 1 root1\_F131Atribute1 = 0 TMP\_256 = 1 not(TMP\_256) = 0 TMP\_257 = 1 not(TMP\_257) = 0 TMP\_258 = 0 not(TMP\_258) = 1 TMP\_259 = 0 not(TMP\_259) = 1 root1\_F131Atribute0 = 0 TMP\_260 = 1 not(TMP\_260) = 0 TMP\_261 = 1 not(TMP\_261) = 0 TMP\_262 = 0 not(TMP\_262) = 1 TMP\_263 = 0 not(TMP\_263) = 1 root1\_F86Atribute1 = 0 TMP\_264 = 1 not(TMP\_264) = 0 TMP\_265 = 1 not(TMP\_265) = 0 TMP\_266 = 0 not(TMP\_266) = 1 TMP\_267 = 0 not(TMP\_267) = 1 root1\_F86Atribute0 = 0 TMP\_268 = 1 not(TMP\_268) = 0 TMP\_269 = 1 not(TMP\_269) = 0 TMP\_270 = 0 not(TMP\_270) = 1 TMP\_271 = 0 not(TMP\_271) = 1 root1\_F82Atribute1 = 90 TMP\_272 = 0 not(TMP\_272) = 1 TMP\_273 = 0 not(TMP\_273) = 1 TMP\_274 = 1 not(TMP\_274) = 0 TMP\_275 = 1 not(TMP\_275) = 0 root1\_F82Atribute0 = 41 TMP\_276 = 0 not(TMP\_276) = 1 TMP\_277 = 0 not(TMP\_277) = 1 TMP\_278 = 1 not(TMP\_278) = 0 TMP\_279 = 1 not(TMP\_279) = 0 root1\_F83Atribute1 = 17 TMP\_280 = 0 not(TMP\_280) = 1 TMP\_281 = 0 not(TMP\_281) = 1 TMP\_282 = 1 not(TMP\_282) = 0 TMP\_283 = 1 not(TMP\_283) = 0 root1\_F83Atribute0 = 25 TMP\_284 = 0 not(TMP\_284) = 1 TMP\_285 = 0 not(TMP\_285) = 1 TMP\_286 = 1 not(TMP\_286) = 0 TMP\_287 = 1 not(TMP\_287) = 0 root1\_F84Atribute1 = 11 TMP\_288 = 0 not(TMP\_288) = 1 TMP\_289 = 0 not(TMP\_289) = 1 TMP\_290 = 1 not(TMP\_290) = 0 TMP\_291 = 1 not(TMP\_291) = 0 root1\_F84Atribute0 = 68 TMP\_292 = 0 not(TMP\_292) = 1 TMP\_293 = 0 not(TMP\_293) = 1 TMP\_294 = 1 not(TMP\_294) = 0 TMP\_295 = 1 not(TMP\_295) = 0 root1\_F65Atribute1 = 32 TMP\_296 = 0 not(TMP\_296) = 1 TMP\_297 = 0 not(TMP\_297) = 1 TMP\_298 = 1 not(TMP\_298) = 0 TMP\_299 = 1 not(TMP\_299) = 0 root1\_F65Atribute0 = 80 TMP\_300 = 0 not(TMP\_300) = 1 TMP\_301 = 0 not(TMP\_301) = 1 TMP\_302 = 1 not(TMP\_302) = 0 TMP\_303 = 1 not(TMP\_303) = 0 root1\_F66Atribute1 = 21 TMP\_304 = 0 not(TMP\_304) = 1 TMP\_305 = 0 not(TMP\_305) = 1 TMP\_306 = 1 not(TMP\_306) = 0 TMP\_307 = 1 not(TMP\_307) = 0 root1\_F66Atribute0 = 2 TMP\_308 = 0 not(TMP\_308) = 1 TMP\_309 = 0 not(TMP\_309) = 1 TMP\_310 = 1 not(TMP\_310) = 0 TMP\_311 = 1 not(TMP\_311) = 0 root1\_F67Atribute1 = 0 TMP\_312 = 1 not(TMP\_312) = 0 TMP\_313 = 1 not(TMP\_313) = 0 TMP\_314 = 0 not(TMP\_314) = 1 TMP\_315 = 0 not(TMP\_315) = 1 TMP\_316 = 1 not(TMP\_316) = 0 TMP\_317 = 1 not(TMP\_317) = 0 root1\_F68Atribute1 = 0 TMP\_318 = 1 not(TMP\_318) = 0 TMP\_319 = 1 not(TMP\_319) = 0 TMP\_320 = 0 not(TMP\_320) = 1 TMP\_321 = 0 not(TMP\_321) = 1 root1\_F68Atribute0 = 0 TMP\_322 = 1 not(TMP\_322) = 0 TMP\_323 = 1 not(TMP\_323) = 0 TMP\_324 = 0 not(TMP\_324) = 1 TMP\_325 = 0 not(TMP\_325) = 1 root1\_F69Atribute1 = 81 TMP\_326 = 0 not(TMP\_326) = 1 TMP\_327 = 0 not(TMP\_327) = 1 TMP\_328 = 1 not(TMP\_328) = 0 TMP\_329 = 1 not(TMP\_329) = 0 root1\_F69Atribute0 = 6 TMP\_330 = 0 not(TMP\_330) = 1 TMP\_331 = 0 not(TMP\_331) = 1 TMP\_332 = 1 not(TMP\_332) = 0 TMP\_333 = 1 not(TMP\_333) = 0 root1\_F25Atribute1 = 26 TMP\_334 = 0 not(TMP\_334) = 1 TMP\_335 = 0 not(TMP\_335) = 1 TMP\_336 = 1 not(TMP\_336) = 0 TMP\_337 = 1 not(TMP\_337) = 0 root1\_F25Atribute0 = 52 TMP\_338 = 0 not(TMP\_338) = 1 TMP\_339 = 0 not(TMP\_339) = 1 TMP\_340 = 1 not(TMP\_340) = 0 TMP\_341 = 1 not(TMP\_341) = 0 root1\_F74Atribute1 = 16 TMP\_342 = 0 not(TMP\_342) = 1 TMP\_343 = 0 not(TMP\_343) = 1 TMP\_344 = 1 not(TMP\_344) = 0 TMP\_345 = 1 not(TMP\_345) = 0 root1\_F74Atribute0 = 51 TMP\_346 = 0 not(TMP\_346) = 1 TMP\_347 = 0 not(TMP\_347) = 1 TMP\_348 = 1 not(TMP\_348) = 0 TMP\_349 = 1 not(TMP\_349) = 0 root1\_F2Atribute1 = 29 TMP\_350 = 0 not(TMP\_350) = 1 TMP\_351 = 0 not(TMP\_351) = 1 TMP\_352 = 1 not(TMP\_352) = 0 TMP\_353 = 1 not(TMP\_353) = 0 root1\_F2Atribute0 = 91 TMP\_354 = 0 not(TMP\_354) = 1 TMP\_355 = 0 not(TMP\_355) = 1 TMP\_356 = 1 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TMP\_383 = 0 not(TMP\_383) = 1 TMP\_384 = 1 not(TMP\_384) = 0 TMP\_385 = 1 not(TMP\_385) = 0 root1\_F100Atribute0 = 16 TMP\_386 = 0 not(TMP\_386) = 1 TMP\_387 = 0 not(TMP\_387) = 1 TMP\_388 = 1 not(TMP\_388) = 0 TMP\_389 = 1 not(TMP\_389) = 0 root1\_F101Atribute1 = 21 TMP\_390 = 0 not(TMP\_390) = 1 TMP\_391 = 0 not(TMP\_391) = 1 TMP\_392 = 1 not(TMP\_392) = 0 TMP\_393 = 1 not(TMP\_393) = 0 root1\_F101Atribute0 = 23 TMP\_394 = 0 not(TMP\_394) = 1 TMP\_395 = 0 not(TMP\_395) = 1 TMP\_396 = 1 not(TMP\_396) = 0 TMP\_397 = 1 not(TMP\_397) = 0 root1\_F102Atribute1 = 19 TMP\_398 = 0 not(TMP\_398) = 1 TMP\_399 = 0 not(TMP\_399) = 1 TMP\_400 = 1 not(TMP\_400) = 0 TMP\_401 = 1 not(TMP\_401) = 0 root1\_F102Atribute0 = 31 TMP\_402 = 0 not(TMP\_402) = 1 TMP\_403 = 0 not(TMP\_403) = 1 TMP\_404 = 1 not(TMP\_404) = 0 TMP\_405 = 1 not(TMP\_405) = 0 root1\_F103Atribute1 = 34 TMP\_406 = 0 not(TMP\_406) = 1 TMP\_407 = 0 not(TMP\_407) = 1 TMP\_408 = 1 not(TMP\_408) = 0 TMP\_409 = 1 not(TMP\_409) = 0 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not(TMP\_784) = 1 TMP\_785 = 0 not(TMP\_785) = 1 root1\_F113Atribute0 = 0 TMP\_786 = 1 not(TMP\_786) = 0 TMP\_787 = 1 not(TMP\_787) = 0 TMP\_788 = 0 not(TMP\_788) = 1 TMP\_789 = 0 not(TMP\_789) = 1 root1\_F114Atribute1 = 0 TMP\_790 = 1 not(TMP\_790) = 0 TMP\_791 = 1 not(TMP\_791) = 0 TMP\_792 = 0 not(TMP\_792) = 1 TMP\_793 = 0 not(TMP\_793) = 1 root1\_F114Atribute0 = 0 TMP\_794 = 1 not(TMP\_794) = 0 TMP\_795 = 1 not(TMP\_795) = 0 TMP\_796 = 0 not(TMP\_796) = 1 TMP\_797 = 0 not(TMP\_797) = 1 root1\_F158Atribute1 = 0 TMP\_798 = 1 not(TMP\_798) = 0 TMP\_799 = 1 not(TMP\_799) = 0 TMP\_800 = 0 not(TMP\_800) = 1 TMP\_801 = 0 not(TMP\_801) = 1 root1\_F158Atribute0 = 0 TMP\_802 = 1 not(TMP\_802) = 0 TMP\_803 = 1 not(TMP\_803) = 0 TMP\_804 = 0 not(TMP\_804) = 1 TMP\_805 = 0 not(TMP\_805) = 1 root1\_F116Atribute1 = 0 TMP\_806 = 1 not(TMP\_806) = 0 TMP\_807 = 1 not(TMP\_807) = 0 TMP\_808 = 0 not(TMP\_808) = 1 TMP\_809 = 0 not(TMP\_809) = 1 root1\_F116Atribute0 = 0 TMP\_810 = 1 not(TMP\_810) = 0 TMP\_811 = 1 not(TMP\_811) = 0 TMP\_812 = 0 not(TMP\_812) = 1 TMP\_813 = 0 not(TMP\_813) = 1 root1\_F117Atribute1 = 0 TMP\_814 = 1 not(TMP\_814) = 0 TMP\_815 = 1 not(TMP\_815) = 0 TMP\_816 = 0 not(TMP\_816) = 1 TMP\_817 = 0 not(TMP\_817) = 1 root1\_F117Atribute0 = 0 TMP\_818 = 1 not(TMP\_818) = 0 TMP\_819 = 1 not(TMP\_819) = 0 TMP\_820 = 0 not(TMP\_820) = 1 TMP\_821 = 0 not(TMP\_821) = 1 root1\_F49Atribute1 = 0 TMP\_822 = 1 not(TMP\_822) = 0 TMP\_823 = 1 not(TMP\_823) = 0 TMP\_824 = 0 not(TMP\_824) = 1 TMP\_825 = 0 not(TMP\_825) = 1 root1\_F49Atribute0 = 0 TMP\_826 = 1 not(TMP\_826) = 0 TMP\_827 = 1 not(TMP\_827) = 0 TMP\_828 = 0 not(TMP\_828) = 1 TMP\_829 = 0 not(TMP\_829) = 1 root1\_F43Atribute1 = 0 TMP\_830 = 1 not(TMP\_830) = 0 TMP\_831 = 1 not(TMP\_831) = 0 TMP\_832 = 0 not(TMP\_832) = 1 TMP\_833 = 0 not(TMP\_833) = 1 root1\_F43Atribute0 = 0 TMP\_834 = 1 not(TMP\_834) = 0 TMP\_835 = 1 not(TMP\_835) = 0 TMP\_836 = 0 not(TMP\_836) = 1 TMP\_837 = 0 not(TMP\_837) = 1 root1\_F44Atribute1 = 0 TMP\_838 = 1 not(TMP\_838) = 0 TMP\_839 = 1 not(TMP\_839) = 0 TMP\_840 = 0 not(TMP\_840) = 1 TMP\_841 = 0 not(TMP\_841) = 1 root1\_F44Atribute0 = 0 TMP\_842 = 1 not(TMP\_842) = 0 TMP\_843 = 1 not(TMP\_843) = 0 TMP\_844 = 0 not(TMP\_844) = 1 TMP\_845 = 0 not(TMP\_845) = 1 root1\_F45Atribute1 = 0 TMP\_846 = 1 not(TMP\_846) = 0 TMP\_847 = 1 not(TMP\_847) = 0 TMP\_848 = 0 not(TMP\_848) = 1 TMP\_849 = 0 not(TMP\_849) = 1 root1\_F45Atribute0 = 0 TMP\_850 = 1 not(TMP\_850) = 0 TMP\_851 = 1 not(TMP\_851) = 0 TMP\_852 = 0 not(TMP\_852) = 1 TMP\_853 = 0 not(TMP\_853) = 1 root1\_F35Atribute1 = 0 TMP\_854 = 1 not(TMP\_854) = 0 TMP\_855 = 1 not(TMP\_855) = 0 TMP\_856 = 0 not(TMP\_856) = 1 TMP\_857 = 0 not(TMP\_857) = 1 root1\_F35Atribute0 = 0 TMP\_858 = 1 not(TMP\_858) = 0 TMP\_859 = 1 not(TMP\_859) = 0 TMP\_860 = 0 not(TMP\_860) = 1 TMP\_861 = 0 not(TMP\_861) = 1 root1\_F13Atribute1 = 0 TMP\_862 = 1 not(TMP\_862) = 0 TMP\_863 = 1 not(TMP\_863) = 0 TMP\_864 = 0 not(TMP\_864) = 1 TMP\_865 = 0 not(TMP\_865) = 1 root1\_F13Atribute0 = 0 TMP\_866 = 1 not(TMP\_866) = 0 TMP\_867 = 1 not(TMP\_867) = 0 TMP\_868 = 0 not(TMP\_868) = 1 TMP\_869 = 0 not(TMP\_869) = 1 root1\_F50Atribute1 = 0 TMP\_870 = 1 not(TMP\_870) = 0 TMP\_871 = 1 not(TMP\_871) = 0 TMP\_872 = 0 not(TMP\_872) = 1 TMP\_873 = 0 not(TMP\_873) = 1 root1\_F50Atribute0 = 0 TMP\_874 = 1 not(TMP\_874) = 0 TMP\_875 = 1 not(TMP\_875) = 0 TMP\_876 = 0 not(TMP\_876) = 1 TMP\_877 = 0 not(TMP\_877) = 1 root1\_F153Atribute1 = 50 TMP\_878 = 0 not(TMP\_878) = 1 TMP\_879 = 0 not(TMP\_879) = 1 TMP\_880 = 1 not(TMP\_880) = 0 TMP\_881 = 1 not(TMP\_881) = 0 root1\_F153Atribute0 = 88 TMP\_882 = 0 not(TMP\_882) = 1 TMP\_883 = 0 not(TMP\_883) = 1 TMP\_884 = 1 not(TMP\_884) = 0 TMP\_885 = 1 not(TMP\_885) = 0 root1\_F154Atribute1 = 38 TMP\_886 = 0 not(TMP\_886) = 1 TMP\_887 = 0 not(TMP\_887) = 1 TMP\_888 = 1 not(TMP\_888) = 0 TMP\_889 = 1 not(TMP\_889) = 0 root1\_F154Atribute0 = 34 TMP\_890 = 0 not(TMP\_890) = 1 TMP\_891 = 0 not(TMP\_891) = 1 TMP\_892 = 1 not(TMP\_892) = 0 TMP\_893 = 1 not(TMP\_893) = 0 root1\_F155Atribute1 = 62 TMP\_894 = 0 not(TMP\_894) = 1 TMP\_895 = 0 not(TMP\_895) = 1 TMP\_896 = 1 not(TMP\_896) = 0 TMP\_897 = 1 not(TMP\_897) = 0 root1\_F155Atribute0 = 77 TMP\_898 = 0 not(TMP\_898) = 1 TMP\_899 = 0 not(TMP\_899) = 1 TMP\_900 = 1 not(TMP\_900) = 0 TMP\_901 = 1 not(TMP\_901) = 0 root1\_F156Atribute1 = 76 TMP\_902 = 0 not(TMP\_902) = 1 TMP\_903 = 0 not(TMP\_903) = 1 TMP\_904 = 1 not(TMP\_904) = 0 TMP\_905 = 1 not(TMP\_905) = 0 root1\_F156Atribute0 = 35 TMP\_906 = 0 not(TMP\_906) = 1 TMP\_907 = 0 not(TMP\_907) = 1 TMP\_908 = 1 not(TMP\_908) = 0 TMP\_909 = 1 not(TMP\_909) = 0 root1\_F157Atribute1 = 23 TMP\_910 = 0 not(TMP\_910) = 1 TMP\_911 = 0 not(TMP\_911) = 1 TMP\_912 = 1 not(TMP\_912) = 0 TMP\_913 = 1 not(TMP\_913) = 0 root1\_F157Atribute0 = 39 TMP\_914 = 0 not(TMP\_914) = 1 TMP\_915 = 0 not(TMP\_915) = 1 TMP\_916 = 1 not(TMP\_916) = 0 TMP\_917 = 1 not(TMP\_917) = 0 root1\_F133Atribute1 = 67 TMP\_918 = 0 not(TMP\_918) = 1 TMP\_919 = 0 not(TMP\_919) = 1 TMP\_920 = 1 not(TMP\_920) = 0 TMP\_921 = 1 not(TMP\_921) = 0 root1\_F133Atribute0 = 26 TMP\_922 = 0 not(TMP\_922) = 1 TMP\_923 = 0 not(TMP\_923) = 1 TMP\_924 = 1 not(TMP\_924) = 0 TMP\_925 = 1 not(TMP\_925) = 0 root1\_F134Atribute1 = 0 TMP\_926 = 1 not(TMP\_926) = 0 TMP\_927 = 1 not(TMP\_927) = 0 TMP\_928 = 0 not(TMP\_928) = 1 TMP\_929 = 0 not(TMP\_929) = 1 root1\_F134Atribute0 = 0 TMP\_930 = 1 not(TMP\_930) = 0 TMP\_931 = 1 not(TMP\_931) = 0 TMP\_932 = 0 not(TMP\_932) = 1 TMP\_933 = 0 not(TMP\_933) = 1 root1\_F135Atribute1 = 95 TMP\_934 = 0 not(TMP\_934) = 1 TMP\_935 = 0 not(TMP\_935) = 1 TMP\_936 = 1 not(TMP\_936) = 0 TMP\_937 = 1 not(TMP\_937) = 0 root1\_F135Atribute0 = 68 TMP\_938 = 0 not(TMP\_938) = 1 TMP\_939 = 0 not(TMP\_939) = 1 TMP\_940 = 1 not(TMP\_940) = 0 TMP\_941 = 1 not(TMP\_941) = 0 root1\_F15Atribute1 = 74 TMP\_942 = 0 not(TMP\_942) = 1 TMP\_943 = 0 not(TMP\_943) = 1 TMP\_944 = 1 not(TMP\_944) = 0 TMP\_945 = 1 not(TMP\_945) = 0 root1\_F15Atribute0 = 78 TMP\_946 = 0 not(TMP\_946) = 1 TMP\_947 = 0 not(TMP\_947) = 1 TMP\_948 = 1 not(TMP\_948) = 0 TMP\_949 = 1 not(TMP\_949) = 0 root1\_F16Atribute1 = 17 TMP\_950 = 0 not(TMP\_950) = 1 TMP\_951 = 0 not(TMP\_951) = 1 TMP\_952 = 1 not(TMP\_952) = 0 TMP\_953 = 1 not(TMP\_953) = 0 root1\_F16Atribute0 = 66 TMP\_954 = 0 not(TMP\_954) = 1 TMP\_955 = 0 not(TMP\_955) = 1 TMP\_956 = 1 not(TMP\_956) = 0 TMP\_957 = 1 not(TMP\_957) = 0 root1\_F17Atribute1 = 0 TMP\_958 = 1 not(TMP\_958) = 0 TMP\_959 = 1 not(TMP\_959) = 0 TMP\_960 = 0 not(TMP\_960) = 1 TMP\_961 = 0 not(TMP\_961) = 1 root1\_F17Atribute0 = 0 TMP\_962 = 1 not(TMP\_962) = 0 TMP\_963 = 1 not(TMP\_963) = 0 TMP\_964 = 0 not(TMP\_964) = 1 TMP\_965 = 0 not(TMP\_965) = 1 root1\_F6Atribute1 = 98 TMP\_966 = 0 not(TMP\_966) = 1 TMP\_967 = 0 not(TMP\_967) = 1 TMP\_968 = 1 not(TMP\_968) = 0 TMP\_969 = 1 not(TMP\_969) = 0 root1\_F6Atribute0 = 44 TMP\_970 = 0 not(TMP\_970) = 1 TMP\_971 = 0 not(TMP\_971) = 1 TMP\_972 = 1 not(TMP\_972) = 0 TMP\_973 = 1 not(TMP\_973) = 0 root1\_F88Atribute1 = 82 TMP\_974 = 0 not(TMP\_974) = 1 TMP\_975 = 0 not(TMP\_975) = 1 TMP\_976 = 1 not(TMP\_976) = 0 TMP\_977 = 1 not(TMP\_977) = 0 root1\_F88Atribute0 = 30 TMP\_978 = 0 not(TMP\_978) = 1 TMP\_979 = 0 not(TMP\_979) = 1 TMP\_980 = 1 not(TMP\_980) = 0 TMP\_981 = 1 not(TMP\_981) = 0 root1\_F89Atribute1 = 0 TMP\_982 = 1 not(TMP\_982) = 0 TMP\_983 = 1 not(TMP\_983) = 0 TMP\_984 = 0 not(TMP\_984) = 1 TMP\_985 = 0 not(TMP\_985) = 1 root1\_F89Atribute0 = 0 TMP\_986 = 1 not(TMP\_986) = 0 TMP\_987 = 1 not(TMP\_987) = 0 TMP\_988 = 0 not(TMP\_988) = 1 TMP\_989 = 0 not(TMP\_989) = 1 root1\_F90Atribute1 = 15 TMP\_990 = 0 not(TMP\_990) = 1 TMP\_991 = 0 not(TMP\_991) = 1 TMP\_992 = 1 not(TMP\_992) = 0 TMP\_993 = 1 not(TMP\_993) = 0 root1\_F90Atribute0 = 14 TMP\_994 = 0 not(TMP\_994) = 1 TMP\_995 = 0 not(TMP\_995) = 1 TMP\_996 = 1 not(TMP\_996) = 0 TMP\_997 = 1 not(TMP\_997) = 0 root1\_F91Atribute1 = 98 TMP\_998 = 0 not(TMP\_998) = 1 TMP\_999 = 0 not(TMP\_999) = 1 TMP\_1000 = 1 not(TMP\_1000) = 0 TMP\_1001 = 1 not(TMP\_1001) = 0 root1\_F91Atribute0 = 98 TMP\_1002 = 0 not(TMP\_1002) = 1 TMP\_1003 = 0 not(TMP\_1003) = 1 TMP\_1004 = 1 not(TMP\_1004) = 0 TMP\_1005 = 1 not(TMP\_1005) = 0 root1\_F92Atribute1 = 32 TMP\_1006 = 0 not(TMP\_1006) = 1 TMP\_1007 = 0 not(TMP\_1007) = 1 TMP\_1008 = 1 not(TMP\_1008) = 0 TMP\_1009 = 1 not(TMP\_1009) = 0 root1\_F92Atribute0 = 95 TMP\_1010 = 0 not(TMP\_1010) = 1 TMP\_1011 = 0 not(TMP\_1011) = 1 TMP\_1012 = 1 not(TMP\_1012) = 0 TMP\_1013 = 1 not(TMP\_1013) = 0 root1\_F93Atribute1 = 7 TMP\_1014 = 0 not(TMP\_1014) = 1 TMP\_1015 = 0 not(TMP\_1015) = 1 TMP\_1016 = 1 not(TMP\_1016) = 0 TMP\_1017 = 1 not(TMP\_1017) = 0 root1\_F93Atribute0 = 30 TMP\_1018 = 0 not(TMP\_1018) = 1 TMP\_1019 = 0 not(TMP\_1019) = 1 TMP\_1020 = 1 not(TMP\_1020) = 0 TMP\_1021 = 1 not(TMP\_1021) = 0 root1\_F94Atribute1 = 80 TMP\_1022 = 0 not(TMP\_1022) = 1 TMP\_1023 = 0 not(TMP\_1023) = 1 TMP\_1024 = 1 not(TMP\_1024) = 0 TMP\_1025 = 1 not(TMP\_1025) = 0 root1\_F94Atribute0 = 26 TMP\_1026 = 0 not(TMP\_1026) = 1 TMP\_1027 = 0 not(TMP\_1027) = 1 TMP\_1028 = 1 not(TMP\_1028) = 0 TMP\_1029 = 1 not(TMP\_1029) = 0 sumOrroot1\_F23 = 1 TMP\_1030 = 1 not(TMP\_1030) = 0 not(feature\_root1\_F23) = 0 TMP\_1031 = 0 not(TMP\_1031) = 1 sumOrroot1\_F64 = 1 TMP\_1032 = 1 not(TMP\_1032) = 0 not(feature\_root1\_F64) = 0 TMP\_1033 = 0 not(TMP\_1033) = 1 sumOrroot1\_F24 = 1 TMP\_1034 = 1 not(TMP\_1034) = 0 not(feature\_root1\_F24) = 0 TMP\_1035 = 0 not(TMP\_1035) = 1 sumOrroot1\_F24 = 1 TMP\_1036 = 1 not(TMP\_1036) = 0 TMP\_1037 = 0 not(TMP\_1037) = 1 sumOrroot1\_F73 = 3 TMP\_1038 = 1 not(TMP\_1038) = 0 not(feature\_root1\_F73) = 0 TMP\_1039 = 0 not(TMP\_1039) = 1 sumOrroot1\_F5 = 1 TMP\_1040 = 1 not(TMP\_1040) = 0 not(feature\_root1\_F5) = 0 TMP\_1041 = 0 not(TMP\_1041) = 1 sumOrroot1\_F12 = 0 TMP\_1042 = 0 not(TMP\_1042) = 1 not(feature\_root1\_F12) = 1 TMP\_1043 = 1 not(TMP\_1043) = 0 sumOrroot1\_F36 = 0 TMP\_1044 = 0 not(TMP\_1044) = 1 not(feature\_root1\_F36) = 1 TMP\_1045 = 1 not(TMP\_1045) = 0 sumOrroot1\_F34 = 0 TMP\_1046 = 0 not(TMP\_1046) = 1 not(feature\_root1\_F34) = 1 TMP\_1047 = 1 not(TMP\_1047) = 0 sumOrroot1\_F48 = 0 TMP\_1048 = 0 not(TMP\_1048) = 1 not(feature\_root1\_F48) = 1 TMP\_1049 = 1 not(TMP\_1049) = 0 sumOrroot1\_F112 = 0 TMP\_1050 = 0 not(TMP\_1050) = 1 not(feature\_root1\_F112) = 1 TMP\_1051 = 1 not(TMP\_1051) = 0 sumOrroot1\_F5 = 3 TMP\_1052 = 1 not(TMP\_1052) = 0 TMP\_1053 = 0 not(TMP\_1053) = 1 sumOrroot1\_F52 = 1 TMP\_1054 = 1 not(TMP\_1054) = 0 not(feature\_root1\_F52) = 0 TMP\_1055 = 0 not(TMP\_1055) = 1 sumOrroot1\_F7 = 2 TMP\_1056 = 1 not(TMP\_1056) = 0 not(feature\_root1\_F7) = 0 TMP\_1057 = 0 not(TMP\_1057) = 1 -(root1\_F60Atribute1) = -1 -(root1\_F61Atribute1) = 0 -(root1\_F62Atribute1) = -74 -(root1\_F63Atribute1) = -15 -(root1\_F65Atribute1) = -32 -(root1\_F66Atribute1) = -21 -(root1\_F67Atribute1) = 0 -(root1\_F68Atribute1) = 0 -(root1\_F69Atribute1) = -81 -(root1\_F70Atribute1) = 0 -(root1\_F71Atribute1) = -37 -(root1\_F72Atribute1) = 0 -(root1\_F74Atribute1) = -16 -(root1\_F75Atribute1) = 0 -(root1\_F76Atribute1) = -31 -(root1\_F78Atribute1) = -15 -(root1\_F79Atribute1) = 0 -(root1\_F138Atribute1) = 0 -(root1\_F139Atribute1) = 0 -(root1\_F147Atribute1) = 0 -(root1\_F148Atribute1) = 0 -(root1\_F145Atribute1) = 0 -(root1\_F41Atribute1) = 0 -(root1\_F146Atribute1) = 0 -(root1\_F143Atribute1) = 0 -(root1\_F144Atribute1) = 0 -(root1\_F43Atribute1) = 0 -(root1\_F141Atribute1) = 0 -(root1\_F44Atribute1) = 0 -(root1\_F142Atribute1) = 0 -(root1\_F45Atribute1) = 0 -(root1\_F46Atribute1) = 0 -(root1\_F140Atribute1) = 0 -(root1\_F47Atribute1) = 0 -(root1\_F49Atribute1) = 0 -(root1\_F149Atribute1) = 0 -(root1\_F158Atribute1) = 0 -(root1\_F159Atribute1) = 0 -(root1\_F50Atribute1) = 0 -(root1\_F156Atribute1) = -76 -(root1\_F157Atribute1) = -23 -(root1\_F154Atribute1) = -38 -(root1\_F54Atribute1) = -32 -(root1\_F155Atribute1) = -62 -(root1\_F55Atribute1) = -12 -(root1\_F152Atribute1) = 0 -(root1\_F56Atribute1) = 0 -(root1\_F153Atribute1) = -50 -(root1\_F150Atribute1) = 0 -(root1\_F58Atribute1) = -61 -(root1\_F151Atribute1) = 0 -(root1\_F59Atribute1) = -49 -(root1\_F118Atribute1) = 0 -(root1\_F119Atribute1) = 0 -(root1\_F116Atribute1) = 0 -(root1\_F117Atribute1) = 0 -(root1\_F125Atribute1) = 0 -(root1\_F126Atribute1) = 0 -(root1\_F123Atribute1) = 0 -(root1\_F124Atribute1) = 0 -(root1\_F20Atribute1) = -15 -(root1\_F121Atribute1) = 0 -(root1\_F122Atribute1) = 0 -(root1\_F22Atribute1) = -51 -(root1\_F120Atribute1) = 0 -(root1\_F25Atribute1) = -26 -(root1\_F27Atribute1) = 0 -(root1\_F28Atribute1) = 0 -(root1\_F29Atribute1) = 0 -(root1\_F6Atribute1) = -98 -(root1\_F9Atribute1) = -47 -(root1\_F8Atribute1) = 0 -(root1\_F2Atribute1) = -29 -(root1\_F4Atribute1) = -26 -(root1\_F129Atribute1) = 0 -(root1\_F127Atribute1) = 0 -(root1\_F128Atribute1) = 0 -(root1\_F136Atribute1) = 0 -(root1\_F137Atribute1) = 0 -(root1\_F134Atribute1) = 0 -(root1\_F30Atribute1) = 0 -(root1\_F135Atribute1) = -95 -(root1\_F132Atribute1) = -69 -(root1\_F31Atribute1) = 0 -(root1\_F133Atribute1) = -67 -(root1\_F130Atribute1) = 0 -(root1\_F33Atribute1) = 0 -(root1\_F131Atribute1) = 0 -(root1\_F35Atribute1) = 0 -(root1\_F37Atribute1) = 0 -(root1\_F38Atribute1) = 0 -(root1\_F39Atribute1) = 0 -(root1\_F80Atribute1) = -94 -(root1\_F82Atribute1) = -90 -(root1\_F103Atribute1) = -34 -(root1\_F83Atribute1) = -17 -(root1\_F104Atribute1) = -99 -(root1\_F84Atribute1) = -11 -(root1\_F101Atribute1) = -21 -(root1\_F102Atribute1) = -19 -(root1\_F86Atribute1) = 0 -(root1\_F100Atribute1) = -85 -(root1\_F87Atribute1) = 0 -(root1\_F88Atribute1) = -82 -(root1\_F89Atribute1) = 0 -(root1\_F109Atribute1) = 0 -(root1\_F107Atribute1) = -72 -(root1\_F108Atribute1) = -92 -(root1\_F90Atribute1) = -15 -(root1\_F105Atribute1) = -93 -(root1\_F91Atribute1) = -98 -(root1\_F106Atribute1) = -91 -(root1\_F92Atribute1) = -32 -(root1\_F114Atribute1) = 0 -(root1\_F93Atribute1) = -7 -(root1\_F94Atribute1) = -80 -(root1\_F96Atribute1) = 0 -(root1\_F113Atribute1) = 0 -(root1\_F97Atribute1) = 0 -(root1\_F110Atribute1) = 0 -(root1\_F10Atribute1) = -46 -(root1\_F11Atribute1) = 0 -(root1\_F99Atribute1) = 0 -(root1\_F13Atribute1) = 0 -(root1\_F15Atribute1) = -74 -(root1\_F16Atribute1) = -17 -(root1\_F17Atribute1) = 0 -(root1\_F18Atribute1) = -15 -(root1\_F19Atribute1) = -72 totalAtribute0 = 2758 totalAtribute1 = -2605 .

- Solution #7 found. Solver[Solver-0], 7 Solutions, Resolution time 0.197s, 44 Nodes (223.4 n/s), 13 Backtracks, 1 Fails, 0 Restarts

feature\_root1\_F1 = 1 feature\_root1\_F18 = 1 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 1 feature\_root1\_F75 = 0 feature\_root1\_F76 = 1 feature\_root1\_F77 = 1 feature\_root1\_F118 = 0 feature\_root1\_F78 = 1 feature\_root1\_F79 = 0 feature\_root1\_F80 = 1 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 1 feature\_root1\_F83 = 1 feature\_root1\_F84 = 1 feature\_root1\_F65 = 1 feature\_root1\_F66 = 1 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 1 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 1 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 0 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 0 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 0 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 0 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 15 TMP\_0 = 0 not(TMP\_0) = 1 TMP\_1 = 0 not(TMP\_1) = 1 TMP\_2 = 1 not(TMP\_2) = 0 TMP\_3 = 1 not(TMP\_3) = 0 root1\_F18Atribute0 = 86 TMP\_4 = 0 not(TMP\_4) = 1 TMP\_5 = 0 not(TMP\_5) = 1 TMP\_6 = 1 not(TMP\_6) = 0 TMP\_7 = 1 not(TMP\_7) = 0 root1\_F19Atribute1 = 72 TMP\_8 = 0 not(TMP\_8) = 1 TMP\_9 = 0 not(TMP\_9) = 1 TMP\_10 = 1 not(TMP\_10) = 0 TMP\_11 = 1 not(TMP\_11) = 0 root1\_F19Atribute0 = 64 TMP\_12 = 0 not(TMP\_12) = 1 TMP\_13 = 0 not(TMP\_13) = 1 TMP\_14 = 1 not(TMP\_14) = 0 TMP\_15 = 1 not(TMP\_15) = 0 root1\_F20Atribute1 = 15 TMP\_16 = 0 not(TMP\_16) = 1 TMP\_17 = 0 not(TMP\_17) = 1 TMP\_18 = 1 not(TMP\_18) = 0 TMP\_19 = 1 not(TMP\_19) = 0 root1\_F20Atribute0 = 61 TMP\_20 = 0 not(TMP\_20) = 1 TMP\_21 = 0 not(TMP\_21) = 1 TMP\_22 = 1 not(TMP\_22) = 0 TMP\_23 = 1 not(TMP\_23) = 0 root1\_F140Atribute1 = 0 TMP\_24 = 1 not(TMP\_24) = 0 TMP\_25 = 1 not(TMP\_25) = 0 TMP\_26 = 0 not(TMP\_26) = 1 TMP\_27 = 0 not(TMP\_27) = 1 root1\_F140Atribute0 = 0 TMP\_28 = 1 not(TMP\_28) = 0 TMP\_29 = 1 not(TMP\_29) = 0 TMP\_30 = 0 not(TMP\_30) = 1 TMP\_31 = 0 not(TMP\_31) = 1 root1\_F141Atribute1 = 0 TMP\_32 = 1 not(TMP\_32) = 0 TMP\_33 = 1 not(TMP\_33) = 0 TMP\_34 = 0 not(TMP\_34) = 1 TMP\_35 = 0 not(TMP\_35) = 1 root1\_F141Atribute0 = 0 TMP\_36 = 1 not(TMP\_36) = 0 TMP\_37 = 1 not(TMP\_37) = 0 TMP\_38 = 0 not(TMP\_38) = 1 TMP\_39 = 0 not(TMP\_39) = 1 root1\_F142Atribute1 = 0 TMP\_40 = 1 not(TMP\_40) = 0 TMP\_41 = 1 not(TMP\_41) = 0 TMP\_42 = 0 not(TMP\_42) = 1 TMP\_43 = 0 not(TMP\_43) = 1 root1\_F142Atribute0 = 0 TMP\_44 = 1 not(TMP\_44) = 0 TMP\_45 = 1 not(TMP\_45) = 0 TMP\_46 = 0 not(TMP\_46) = 1 TMP\_47 = 0 not(TMP\_47) = 1 root1\_F143Atribute1 = 0 TMP\_48 = 1 not(TMP\_48) = 0 TMP\_49 = 1 not(TMP\_49) = 0 TMP\_50 = 0 not(TMP\_50) = 1 TMP\_51 = 0 not(TMP\_51) = 1 root1\_F143Atribute0 = 0 TMP\_52 = 1 not(TMP\_52) = 0 TMP\_53 = 1 not(TMP\_53) = 0 TMP\_54 = 0 not(TMP\_54) = 1 TMP\_55 = 0 not(TMP\_55) = 1 root1\_F144Atribute1 = 0 TMP\_56 = 1 not(TMP\_56) = 0 TMP\_57 = 1 not(TMP\_57) = 0 TMP\_58 = 0 not(TMP\_58) = 1 TMP\_59 = 0 not(TMP\_59) = 1 root1\_F144Atribute0 = 0 TMP\_60 = 1 not(TMP\_60) = 0 TMP\_61 = 1 not(TMP\_61) = 0 TMP\_62 = 0 not(TMP\_62) = 1 TMP\_63 = 0 not(TMP\_63) = 1 root1\_F22Atribute1 = 51 TMP\_64 = 0 not(TMP\_64) = 1 TMP\_65 = 0 not(TMP\_65) = 1 TMP\_66 = 1 not(TMP\_66) = 0 TMP\_67 = 1 not(TMP\_67) = 0 root1\_F22Atribute0 = 69 TMP\_68 = 0 not(TMP\_68) = 1 TMP\_69 = 0 not(TMP\_69) = 1 TMP\_70 = 1 not(TMP\_70) = 0 TMP\_71 = 1 not(TMP\_71) = 0 root1\_F54Atribute1 = 32 TMP\_72 = 0 not(TMP\_72) = 1 TMP\_73 = 0 not(TMP\_73) = 1 TMP\_74 = 1 not(TMP\_74) = 0 TMP\_75 = 1 not(TMP\_75) = 0 root1\_F54Atribute0 = 96 TMP\_76 = 0 not(TMP\_76) = 1 TMP\_77 = 0 not(TMP\_77) = 1 TMP\_78 = 1 not(TMP\_78) = 0 TMP\_79 = 1 not(TMP\_79) = 0 root1\_F55Atribute1 = 12 TMP\_80 = 0 not(TMP\_80) = 1 TMP\_81 = 0 not(TMP\_81) = 1 TMP\_82 = 1 not(TMP\_82) = 0 TMP\_83 = 1 not(TMP\_83) = 0 root1\_F55Atribute0 = 76 TMP\_84 = 0 not(TMP\_84) = 1 TMP\_85 = 0 not(TMP\_85) = 1 TMP\_86 = 1 not(TMP\_86) = 0 TMP\_87 = 1 not(TMP\_87) = 0 root1\_F56Atribute1 = 0 TMP\_88 = 1 not(TMP\_88) = 0 TMP\_89 = 1 not(TMP\_89) = 0 TMP\_90 = 0 not(TMP\_90) = 1 TMP\_91 = 0 not(TMP\_91) = 1 root1\_F56Atribute0 = 0 TMP\_92 = 1 not(TMP\_92) = 0 TMP\_93 = 1 not(TMP\_93) = 0 TMP\_94 = 0 not(TMP\_94) = 1 TMP\_95 = 0 not(TMP\_95) = 1 root1\_F132Atribute1 = 69 TMP\_96 = 0 not(TMP\_96) = 1 TMP\_97 = 0 not(TMP\_97) = 1 TMP\_98 = 1 not(TMP\_98) = 0 TMP\_99 = 1 not(TMP\_99) = 0 root1\_F132Atribute0 = 61 TMP\_100 = 0 not(TMP\_100) = 1 TMP\_101 = 0 not(TMP\_101) = 1 TMP\_102 = 1 not(TMP\_102) = 0 TMP\_103 = 1 not(TMP\_103) = 0 root1\_F58Atribute1 = 61 TMP\_104 = 0 not(TMP\_104) = 1 TMP\_105 = 0 not(TMP\_105) = 1 TMP\_106 = 1 not(TMP\_106) = 0 TMP\_107 = 1 not(TMP\_107) = 0 root1\_F58Atribute0 = 39 TMP\_108 = 0 not(TMP\_108) = 1 TMP\_109 = 0 not(TMP\_109) = 1 TMP\_110 = 1 not(TMP\_110) = 0 TMP\_111 = 1 not(TMP\_111) = 0 root1\_F59Atribute1 = 49 TMP\_112 = 0 not(TMP\_112) = 1 TMP\_113 = 0 not(TMP\_113) = 1 TMP\_114 = 1 not(TMP\_114) = 0 TMP\_115 = 1 not(TMP\_115) = 0 root1\_F59Atribute0 = 93 TMP\_116 = 0 not(TMP\_116) = 1 TMP\_117 = 0 not(TMP\_117) = 1 TMP\_118 = 1 not(TMP\_118) = 0 TMP\_119 = 1 not(TMP\_119) = 0 root1\_F60Atribute1 = 1 TMP\_120 = 0 not(TMP\_120) = 1 TMP\_121 = 0 not(TMP\_121) = 1 TMP\_122 = 1 not(TMP\_122) = 0 TMP\_123 = 1 not(TMP\_123) = 0 root1\_F60Atribute0 = 44 TMP\_124 = 0 not(TMP\_124) = 1 TMP\_125 = 0 not(TMP\_125) = 1 TMP\_126 = 1 not(TMP\_126) = 0 TMP\_127 = 1 not(TMP\_127) = 0 root1\_F61Atribute1 = 0 TMP\_128 = 1 not(TMP\_128) = 0 TMP\_129 = 1 not(TMP\_129) = 0 TMP\_130 = 0 not(TMP\_130) = 1 TMP\_131 = 0 not(TMP\_131) = 1 root1\_F61Atribute0 = 0 TMP\_132 = 1 not(TMP\_132) = 0 TMP\_133 = 1 not(TMP\_133) = 0 TMP\_134 = 0 not(TMP\_134) = 1 TMP\_135 = 0 not(TMP\_135) = 1 root1\_F62Atribute1 = 74 TMP\_136 = 0 not(TMP\_136) = 1 TMP\_137 = 0 not(TMP\_137) = 1 TMP\_138 = 1 not(TMP\_138) = 0 TMP\_139 = 1 not(TMP\_139) = 0 root1\_F62Atribute0 = 47 TMP\_140 = 0 not(TMP\_140) = 1 TMP\_141 = 0 not(TMP\_141) = 1 TMP\_142 = 1 not(TMP\_142) = 0 TMP\_143 = 1 not(TMP\_143) = 0 root1\_F63Atribute1 = 15 TMP\_144 = 0 not(TMP\_144) = 1 TMP\_145 = 0 not(TMP\_145) = 1 TMP\_146 = 1 not(TMP\_146) = 0 TMP\_147 = 1 not(TMP\_147) = 0 root1\_F63Atribute0 = 27 TMP\_148 = 0 not(TMP\_148) = 1 TMP\_149 = 0 not(TMP\_149) = 1 TMP\_150 = 1 not(TMP\_150) = 0 TMP\_151 = 1 not(TMP\_151) = 0 root1\_F75Atribute1 = 0 TMP\_152 = 1 not(TMP\_152) = 0 TMP\_153 = 1 not(TMP\_153) = 0 TMP\_154 = 0 not(TMP\_154) = 1 TMP\_155 = 0 not(TMP\_155) = 1 root1\_F75Atribute0 = 0 TMP\_156 = 1 not(TMP\_156) = 0 TMP\_157 = 1 not(TMP\_157) = 0 TMP\_158 = 0 not(TMP\_158) = 1 TMP\_159 = 0 not(TMP\_159) = 1 root1\_F76Atribute1 = 31 TMP\_160 = 0 not(TMP\_160) = 1 TMP\_161 = 0 not(TMP\_161) = 1 TMP\_162 = 1 not(TMP\_162) = 0 TMP\_163 = 1 not(TMP\_163) = 0 root1\_F76Atribute0 = 62 TMP\_164 = 0 not(TMP\_164) = 1 TMP\_165 = 0 not(TMP\_165) = 1 TMP\_166 = 1 not(TMP\_166) = 0 TMP\_167 = 1 not(TMP\_167) = 0 root1\_F118Atribute1 = 0 TMP\_168 = 1 not(TMP\_168) = 0 TMP\_169 = 1 not(TMP\_169) = 0 TMP\_170 = 0 not(TMP\_170) = 1 TMP\_171 = 0 not(TMP\_171) = 1 root1\_F118Atribute0 = 0 TMP\_172 = 1 not(TMP\_172) = 0 TMP\_173 = 1 not(TMP\_173) = 0 TMP\_174 = 0 not(TMP\_174) = 1 TMP\_175 = 0 not(TMP\_175) = 1 root1\_F78Atribute1 = 15 TMP\_176 = 0 not(TMP\_176) = 1 TMP\_177 = 0 not(TMP\_177) = 1 TMP\_178 = 1 not(TMP\_178) = 0 TMP\_179 = 1 not(TMP\_179) = 0 root1\_F78Atribute0 = 75 TMP\_180 = 0 not(TMP\_180) = 1 TMP\_181 = 0 not(TMP\_181) = 1 TMP\_182 = 1 not(TMP\_182) = 0 TMP\_183 = 1 not(TMP\_183) = 0 root1\_F79Atribute1 = 0 TMP\_184 = 1 not(TMP\_184) = 0 TMP\_185 = 1 not(TMP\_185) = 0 TMP\_186 = 0 not(TMP\_186) = 1 TMP\_187 = 0 not(TMP\_187) = 1 root1\_F79Atribute0 = 0 TMP\_188 = 1 not(TMP\_188) = 0 TMP\_189 = 1 not(TMP\_189) = 0 TMP\_190 = 0 not(TMP\_190) = 1 TMP\_191 = 0 not(TMP\_191) = 1 root1\_F80Atribute1 = 94 TMP\_192 = 0 not(TMP\_192) = 1 TMP\_193 = 0 not(TMP\_193) = 1 TMP\_194 = 1 not(TMP\_194) = 0 TMP\_195 = 1 not(TMP\_195) = 0 root1\_F80Atribute0 = 1 TMP\_196 = 0 not(TMP\_196) = 1 TMP\_197 = 0 not(TMP\_197) = 1 TMP\_198 = 1 not(TMP\_198) = 0 TMP\_199 = 1 not(TMP\_199) = 0 root1\_F124Atribute1 = 0 TMP\_200 = 1 not(TMP\_200) = 0 TMP\_201 = 1 not(TMP\_201) = 0 TMP\_202 = 0 not(TMP\_202) = 1 TMP\_203 = 0 not(TMP\_203) = 1 root1\_F124Atribute0 = 0 TMP\_204 = 1 not(TMP\_204) = 0 TMP\_205 = 1 not(TMP\_205) = 0 TMP\_206 = 0 not(TMP\_206) = 1 TMP\_207 = 0 not(TMP\_207) = 1 root1\_F125Atribute1 = 0 TMP\_208 = 1 not(TMP\_208) = 0 TMP\_209 = 1 not(TMP\_209) = 0 TMP\_210 = 0 not(TMP\_210) = 1 TMP\_211 = 0 not(TMP\_211) = 1 root1\_F125Atribute0 = 0 TMP\_212 = 1 not(TMP\_212) = 0 TMP\_213 = 1 not(TMP\_213) = 0 TMP\_214 = 0 not(TMP\_214) = 1 TMP\_215 = 0 not(TMP\_215) = 1 root1\_F126Atribute1 = 0 TMP\_216 = 1 not(TMP\_216) = 0 TMP\_217 = 1 not(TMP\_217) = 0 TMP\_218 = 0 not(TMP\_218) = 1 TMP\_219 = 0 not(TMP\_219) = 1 root1\_F126Atribute0 = 0 TMP\_220 = 1 not(TMP\_220) = 0 TMP\_221 = 1 not(TMP\_221) = 0 TMP\_222 = 0 not(TMP\_222) = 1 TMP\_223 = 0 not(TMP\_223) = 1 root1\_F127Atribute1 = 0 TMP\_224 = 1 not(TMP\_224) = 0 TMP\_225 = 1 not(TMP\_225) = 0 TMP\_226 = 0 not(TMP\_226) = 1 TMP\_227 = 0 not(TMP\_227) = 1 root1\_F127Atribute0 = 0 TMP\_228 = 1 not(TMP\_228) = 0 TMP\_229 = 1 not(TMP\_229) = 0 TMP\_230 = 0 not(TMP\_230) = 1 TMP\_231 = 0 not(TMP\_231) = 1 root1\_F128Atribute1 = 0 TMP\_232 = 1 not(TMP\_232) = 0 TMP\_233 = 1 not(TMP\_233) = 0 TMP\_234 = 0 not(TMP\_234) = 1 TMP\_235 = 0 not(TMP\_235) = 1 root1\_F128Atribute0 = 0 TMP\_236 = 1 not(TMP\_236) = 0 TMP\_237 = 1 not(TMP\_237) = 0 TMP\_238 = 0 not(TMP\_238) = 1 TMP\_239 = 0 not(TMP\_239) = 1 root1\_F129Atribute1 = 0 TMP\_240 = 1 not(TMP\_240) = 0 TMP\_241 = 1 not(TMP\_241) = 0 TMP\_242 = 0 not(TMP\_242) = 1 TMP\_243 = 0 not(TMP\_243) = 1 root1\_F129Atribute0 = 0 TMP\_244 = 1 not(TMP\_244) = 0 TMP\_245 = 1 not(TMP\_245) = 0 TMP\_246 = 0 not(TMP\_246) = 1 TMP\_247 = 0 not(TMP\_247) = 1 root1\_F130Atribute1 = 0 TMP\_248 = 1 not(TMP\_248) = 0 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root1\_F82Atribute0 = 41 TMP\_276 = 0 not(TMP\_276) = 1 TMP\_277 = 0 not(TMP\_277) = 1 TMP\_278 = 1 not(TMP\_278) = 0 TMP\_279 = 1 not(TMP\_279) = 0 root1\_F83Atribute1 = 17 TMP\_280 = 0 not(TMP\_280) = 1 TMP\_281 = 0 not(TMP\_281) = 1 TMP\_282 = 1 not(TMP\_282) = 0 TMP\_283 = 1 not(TMP\_283) = 0 root1\_F83Atribute0 = 25 TMP\_284 = 0 not(TMP\_284) = 1 TMP\_285 = 0 not(TMP\_285) = 1 TMP\_286 = 1 not(TMP\_286) = 0 TMP\_287 = 1 not(TMP\_287) = 0 root1\_F84Atribute1 = 11 TMP\_288 = 0 not(TMP\_288) = 1 TMP\_289 = 0 not(TMP\_289) = 1 TMP\_290 = 1 not(TMP\_290) = 0 TMP\_291 = 1 not(TMP\_291) = 0 root1\_F84Atribute0 = 68 TMP\_292 = 0 not(TMP\_292) = 1 TMP\_293 = 0 not(TMP\_293) = 1 TMP\_294 = 1 not(TMP\_294) = 0 TMP\_295 = 1 not(TMP\_295) = 0 root1\_F65Atribute1 = 32 TMP\_296 = 0 not(TMP\_296) = 1 TMP\_297 = 0 not(TMP\_297) = 1 TMP\_298 = 1 not(TMP\_298) = 0 TMP\_299 = 1 not(TMP\_299) = 0 root1\_F65Atribute0 = 80 TMP\_300 = 0 not(TMP\_300) = 1 TMP\_301 = 0 not(TMP\_301) = 1 TMP\_302 = 1 not(TMP\_302) = 0 TMP\_303 = 1 not(TMP\_303) = 0 root1\_F66Atribute1 = 21 TMP\_304 = 0 not(TMP\_304) = 1 TMP\_305 = 0 not(TMP\_305) = 1 TMP\_306 = 1 not(TMP\_306) = 0 TMP\_307 = 1 not(TMP\_307) = 0 root1\_F66Atribute0 = 2 TMP\_308 = 0 not(TMP\_308) = 1 TMP\_309 = 0 not(TMP\_309) = 1 TMP\_310 = 1 not(TMP\_310) = 0 TMP\_311 = 1 not(TMP\_311) = 0 root1\_F67Atribute1 = 0 TMP\_312 = 1 not(TMP\_312) = 0 TMP\_313 = 1 not(TMP\_313) = 0 TMP\_314 = 0 not(TMP\_314) = 1 TMP\_315 = 0 not(TMP\_315) = 1 TMP\_316 = 1 not(TMP\_316) = 0 TMP\_317 = 1 not(TMP\_317) = 0 root1\_F68Atribute1 = 0 TMP\_318 = 1 not(TMP\_318) = 0 TMP\_319 = 1 not(TMP\_319) = 0 TMP\_320 = 0 not(TMP\_320) = 1 TMP\_321 = 0 not(TMP\_321) = 1 root1\_F68Atribute0 = 0 TMP\_322 = 1 not(TMP\_322) = 0 TMP\_323 = 1 not(TMP\_323) = 0 TMP\_324 = 0 not(TMP\_324) = 1 TMP\_325 = 0 not(TMP\_325) = 1 root1\_F69Atribute1 = 81 TMP\_326 = 0 not(TMP\_326) = 1 TMP\_327 = 0 not(TMP\_327) = 1 TMP\_328 = 1 not(TMP\_328) = 0 TMP\_329 = 1 not(TMP\_329) = 0 root1\_F69Atribute0 = 6 TMP\_330 = 0 not(TMP\_330) = 1 TMP\_331 = 0 not(TMP\_331) = 1 TMP\_332 = 1 not(TMP\_332) = 0 TMP\_333 = 1 not(TMP\_333) = 0 root1\_F25Atribute1 = 26 TMP\_334 = 0 not(TMP\_334) = 1 TMP\_335 = 0 not(TMP\_335) = 1 TMP\_336 = 1 not(TMP\_336) = 0 TMP\_337 = 1 not(TMP\_337) = 0 root1\_F25Atribute0 = 52 TMP\_338 = 0 not(TMP\_338) = 1 TMP\_339 = 0 not(TMP\_339) = 1 TMP\_340 = 1 not(TMP\_340) = 0 TMP\_341 = 1 not(TMP\_341) = 0 root1\_F74Atribute1 = 16 TMP\_342 = 0 not(TMP\_342) = 1 TMP\_343 = 0 not(TMP\_343) = 1 TMP\_344 = 1 not(TMP\_344) = 0 TMP\_345 = 1 not(TMP\_345) = 0 root1\_F74Atribute0 = 51 TMP\_346 = 0 not(TMP\_346) = 1 TMP\_347 = 0 not(TMP\_347) = 1 TMP\_348 = 1 not(TMP\_348) = 0 TMP\_349 = 1 not(TMP\_349) = 0 root1\_F2Atribute1 = 29 TMP\_350 = 0 not(TMP\_350) = 1 TMP\_351 = 0 not(TMP\_351) = 1 TMP\_352 = 1 not(TMP\_352) = 0 TMP\_353 = 1 not(TMP\_353) = 0 root1\_F2Atribute0 = 91 TMP\_354 = 0 not(TMP\_354) = 1 TMP\_355 = 0 not(TMP\_355) = 1 TMP\_356 = 1 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TMP\_383 = 0 not(TMP\_383) = 1 TMP\_384 = 1 not(TMP\_384) = 0 TMP\_385 = 1 not(TMP\_385) = 0 root1\_F100Atribute0 = 16 TMP\_386 = 0 not(TMP\_386) = 1 TMP\_387 = 0 not(TMP\_387) = 1 TMP\_388 = 1 not(TMP\_388) = 0 TMP\_389 = 1 not(TMP\_389) = 0 root1\_F101Atribute1 = 21 TMP\_390 = 0 not(TMP\_390) = 1 TMP\_391 = 0 not(TMP\_391) = 1 TMP\_392 = 1 not(TMP\_392) = 0 TMP\_393 = 1 not(TMP\_393) = 0 root1\_F101Atribute0 = 23 TMP\_394 = 0 not(TMP\_394) = 1 TMP\_395 = 0 not(TMP\_395) = 1 TMP\_396 = 1 not(TMP\_396) = 0 TMP\_397 = 1 not(TMP\_397) = 0 root1\_F102Atribute1 = 19 TMP\_398 = 0 not(TMP\_398) = 1 TMP\_399 = 0 not(TMP\_399) = 1 TMP\_400 = 1 not(TMP\_400) = 0 TMP\_401 = 1 not(TMP\_401) = 0 root1\_F102Atribute0 = 31 TMP\_402 = 0 not(TMP\_402) = 1 TMP\_403 = 0 not(TMP\_403) = 1 TMP\_404 = 1 not(TMP\_404) = 0 TMP\_405 = 1 not(TMP\_405) = 0 root1\_F103Atribute1 = 34 TMP\_406 = 0 not(TMP\_406) = 1 TMP\_407 = 0 not(TMP\_407) = 1 TMP\_408 = 1 not(TMP\_408) = 0 TMP\_409 = 1 not(TMP\_409) = 0 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= 1 TMP\_517 = 0 not(TMP\_517) = 1 root1\_F30Atribute1 = 0 TMP\_518 = 1 not(TMP\_518) = 0 TMP\_519 = 1 not(TMP\_519) = 0 TMP\_520 = 0 not(TMP\_520) = 1 TMP\_521 = 0 not(TMP\_521) = 1 root1\_F30Atribute0 = 0 TMP\_522 = 1 not(TMP\_522) = 0 TMP\_523 = 1 not(TMP\_523) = 0 TMP\_524 = 0 not(TMP\_524) = 1 TMP\_525 = 0 not(TMP\_525) = 1 root1\_F31Atribute1 = 0 TMP\_526 = 1 not(TMP\_526) = 0 TMP\_527 = 1 not(TMP\_527) = 0 TMP\_528 = 0 not(TMP\_528) = 1 TMP\_529 = 0 not(TMP\_529) = 1 root1\_F31Atribute0 = 0 TMP\_530 = 1 not(TMP\_530) = 0 TMP\_531 = 1 not(TMP\_531) = 0 TMP\_532 = 0 not(TMP\_532) = 1 TMP\_533 = 0 not(TMP\_533) = 1 root1\_F87Atribute1 = 0 TMP\_534 = 1 not(TMP\_534) = 0 TMP\_535 = 1 not(TMP\_535) = 0 TMP\_536 = 0 not(TMP\_536) = 1 TMP\_537 = 0 not(TMP\_537) = 1 root1\_F87Atribute0 = 0 TMP\_538 = 1 not(TMP\_538) = 0 TMP\_539 = 1 not(TMP\_539) = 0 TMP\_540 = 0 not(TMP\_540) = 1 TMP\_541 = 0 not(TMP\_541) = 1 root1\_F33Atribute1 = 0 TMP\_542 = 1 not(TMP\_542) = 0 TMP\_543 = 1 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TMP\_731 = 1 not(TMP\_731) = 0 TMP\_732 = 0 not(TMP\_732) = 1 TMP\_733 = 0 not(TMP\_733) = 1 root1\_F136Atribute1 = 0 TMP\_734 = 1 not(TMP\_734) = 0 TMP\_735 = 1 not(TMP\_735) = 0 TMP\_736 = 0 not(TMP\_736) = 1 TMP\_737 = 0 not(TMP\_737) = 1 root1\_F136Atribute0 = 0 TMP\_738 = 1 not(TMP\_738) = 0 TMP\_739 = 1 not(TMP\_739) = 0 TMP\_740 = 0 not(TMP\_740) = 1 TMP\_741 = 0 not(TMP\_741) = 1 root1\_F137Atribute1 = 0 TMP\_742 = 1 not(TMP\_742) = 0 TMP\_743 = 1 not(TMP\_743) = 0 TMP\_744 = 0 not(TMP\_744) = 1 TMP\_745 = 0 not(TMP\_745) = 1 root1\_F137Atribute0 = 0 TMP\_746 = 1 not(TMP\_746) = 0 TMP\_747 = 1 not(TMP\_747) = 0 TMP\_748 = 0 not(TMP\_748) = 1 TMP\_749 = 0 not(TMP\_749) = 1 root1\_F138Atribute1 = 0 TMP\_750 = 1 not(TMP\_750) = 0 TMP\_751 = 1 not(TMP\_751) = 0 TMP\_752 = 0 not(TMP\_752) = 1 TMP\_753 = 0 not(TMP\_753) = 1 root1\_F138Atribute0 = 0 TMP\_754 = 1 not(TMP\_754) = 0 TMP\_755 = 1 not(TMP\_755) = 0 TMP\_756 = 0 not(TMP\_756) = 1 TMP\_757 = 0 not(TMP\_757) = 1 root1\_F139Atribute1 = 0 TMP\_758 = 1 not(TMP\_758) = 0 TMP\_759 = 1 not(TMP\_759) = 0 TMP\_760 = 0 not(TMP\_760) = 1 TMP\_761 = 0 not(TMP\_761) = 1 root1\_F139Atribute0 = 0 TMP\_762 = 1 not(TMP\_762) = 0 TMP\_763 = 1 not(TMP\_763) = 0 TMP\_764 = 0 not(TMP\_764) = 1 TMP\_765 = 0 not(TMP\_765) = 1 root1\_F145Atribute1 = 0 TMP\_766 = 1 not(TMP\_766) = 0 TMP\_767 = 1 not(TMP\_767) = 0 TMP\_768 = 0 not(TMP\_768) = 1 TMP\_769 = 0 not(TMP\_769) = 1 root1\_F145Atribute0 = 0 TMP\_770 = 1 not(TMP\_770) = 0 TMP\_771 = 1 not(TMP\_771) = 0 TMP\_772 = 0 not(TMP\_772) = 1 TMP\_773 = 0 not(TMP\_773) = 1 root1\_F146Atribute1 = 0 TMP\_774 = 1 not(TMP\_774) = 0 TMP\_775 = 1 not(TMP\_775) = 0 TMP\_776 = 0 not(TMP\_776) = 1 TMP\_777 = 0 not(TMP\_777) = 1 root1\_F146Atribute0 = 0 TMP\_778 = 1 not(TMP\_778) = 0 TMP\_779 = 1 not(TMP\_779) = 0 TMP\_780 = 0 not(TMP\_780) = 1 TMP\_781 = 0 not(TMP\_781) = 1 root1\_F113Atribute1 = 0 TMP\_782 = 1 not(TMP\_782) = 0 TMP\_783 = 1 not(TMP\_783) = 0 TMP\_784 = 0 not(TMP\_784) = 1 TMP\_785 = 0 not(TMP\_785) = 1 root1\_F113Atribute0 = 0 TMP\_786 = 1 not(TMP\_786) = 0 TMP\_787 = 1 not(TMP\_787) = 0 TMP\_788 = 0 not(TMP\_788) = 1 TMP\_789 = 0 not(TMP\_789) = 1 root1\_F114Atribute1 = 0 TMP\_790 = 1 not(TMP\_790) = 0 TMP\_791 = 1 not(TMP\_791) = 0 TMP\_792 = 0 not(TMP\_792) = 1 TMP\_793 = 0 not(TMP\_793) = 1 root1\_F114Atribute0 = 0 TMP\_794 = 1 not(TMP\_794) = 0 TMP\_795 = 1 not(TMP\_795) = 0 TMP\_796 = 0 not(TMP\_796) = 1 TMP\_797 = 0 not(TMP\_797) = 1 root1\_F158Atribute1 = 0 TMP\_798 = 1 not(TMP\_798) = 0 TMP\_799 = 1 not(TMP\_799) = 0 TMP\_800 = 0 not(TMP\_800) = 1 TMP\_801 = 0 not(TMP\_801) = 1 root1\_F158Atribute0 = 0 TMP\_802 = 1 not(TMP\_802) = 0 TMP\_803 = 1 not(TMP\_803) = 0 TMP\_804 = 0 not(TMP\_804) = 1 TMP\_805 = 0 not(TMP\_805) = 1 root1\_F116Atribute1 = 0 TMP\_806 = 1 not(TMP\_806) = 0 TMP\_807 = 1 not(TMP\_807) = 0 TMP\_808 = 0 not(TMP\_808) = 1 TMP\_809 = 0 not(TMP\_809) = 1 root1\_F116Atribute0 = 0 TMP\_810 = 1 not(TMP\_810) = 0 TMP\_811 = 1 not(TMP\_811) = 0 TMP\_812 = 0 not(TMP\_812) = 1 TMP\_813 = 0 not(TMP\_813) = 1 root1\_F117Atribute1 = 0 TMP\_814 = 1 not(TMP\_814) = 0 TMP\_815 = 1 not(TMP\_815) = 0 TMP\_816 = 0 not(TMP\_816) = 1 TMP\_817 = 0 not(TMP\_817) = 1 root1\_F117Atribute0 = 0 TMP\_818 = 1 not(TMP\_818) = 0 TMP\_819 = 1 not(TMP\_819) = 0 TMP\_820 = 0 not(TMP\_820) = 1 TMP\_821 = 0 not(TMP\_821) = 1 root1\_F49Atribute1 = 0 TMP\_822 = 1 not(TMP\_822) = 0 TMP\_823 = 1 not(TMP\_823) = 0 TMP\_824 = 0 not(TMP\_824) = 1 TMP\_825 = 0 not(TMP\_825) = 1 root1\_F49Atribute0 = 0 TMP\_826 = 1 not(TMP\_826) = 0 TMP\_827 = 1 not(TMP\_827) = 0 TMP\_828 = 0 not(TMP\_828) = 1 TMP\_829 = 0 not(TMP\_829) = 1 root1\_F43Atribute1 = 0 TMP\_830 = 1 not(TMP\_830) = 0 TMP\_831 = 1 not(TMP\_831) = 0 TMP\_832 = 0 not(TMP\_832) = 1 TMP\_833 = 0 not(TMP\_833) = 1 root1\_F43Atribute0 = 0 TMP\_834 = 1 not(TMP\_834) = 0 TMP\_835 = 1 not(TMP\_835) = 0 TMP\_836 = 0 not(TMP\_836) = 1 TMP\_837 = 0 not(TMP\_837) = 1 root1\_F44Atribute1 = 0 TMP\_838 = 1 not(TMP\_838) = 0 TMP\_839 = 1 not(TMP\_839) = 0 TMP\_840 = 0 not(TMP\_840) = 1 TMP\_841 = 0 not(TMP\_841) = 1 root1\_F44Atribute0 = 0 TMP\_842 = 1 not(TMP\_842) = 0 TMP\_843 = 1 not(TMP\_843) = 0 TMP\_844 = 0 not(TMP\_844) = 1 TMP\_845 = 0 not(TMP\_845) = 1 root1\_F45Atribute1 = 0 TMP\_846 = 1 not(TMP\_846) = 0 TMP\_847 = 1 not(TMP\_847) = 0 TMP\_848 = 0 not(TMP\_848) = 1 TMP\_849 = 0 not(TMP\_849) = 1 root1\_F45Atribute0 = 0 TMP\_850 = 1 not(TMP\_850) = 0 TMP\_851 = 1 not(TMP\_851) = 0 TMP\_852 = 0 not(TMP\_852) = 1 TMP\_853 = 0 not(TMP\_853) = 1 root1\_F35Atribute1 = 0 TMP\_854 = 1 not(TMP\_854) = 0 TMP\_855 = 1 not(TMP\_855) = 0 TMP\_856 = 0 not(TMP\_856) = 1 TMP\_857 = 0 not(TMP\_857) = 1 root1\_F35Atribute0 = 0 TMP\_858 = 1 not(TMP\_858) = 0 TMP\_859 = 1 not(TMP\_859) = 0 TMP\_860 = 0 not(TMP\_860) = 1 TMP\_861 = 0 not(TMP\_861) = 1 root1\_F13Atribute1 = 0 TMP\_862 = 1 not(TMP\_862) = 0 TMP\_863 = 1 not(TMP\_863) = 0 TMP\_864 = 0 not(TMP\_864) = 1 TMP\_865 = 0 not(TMP\_865) = 1 root1\_F13Atribute0 = 0 TMP\_866 = 1 not(TMP\_866) = 0 TMP\_867 = 1 not(TMP\_867) = 0 TMP\_868 = 0 not(TMP\_868) = 1 TMP\_869 = 0 not(TMP\_869) = 1 root1\_F50Atribute1 = 0 TMP\_870 = 1 not(TMP\_870) = 0 TMP\_871 = 1 not(TMP\_871) = 0 TMP\_872 = 0 not(TMP\_872) = 1 TMP\_873 = 0 not(TMP\_873) = 1 root1\_F50Atribute0 = 0 TMP\_874 = 1 not(TMP\_874) = 0 TMP\_875 = 1 not(TMP\_875) = 0 TMP\_876 = 0 not(TMP\_876) = 1 TMP\_877 = 0 not(TMP\_877) = 1 root1\_F153Atribute1 = 50 TMP\_878 = 0 not(TMP\_878) = 1 TMP\_879 = 0 not(TMP\_879) = 1 TMP\_880 = 1 not(TMP\_880) = 0 TMP\_881 = 1 not(TMP\_881) = 0 root1\_F153Atribute0 = 88 TMP\_882 = 0 not(TMP\_882) = 1 TMP\_883 = 0 not(TMP\_883) = 1 TMP\_884 = 1 not(TMP\_884) = 0 TMP\_885 = 1 not(TMP\_885) = 0 root1\_F154Atribute1 = 0 TMP\_886 = 1 not(TMP\_886) = 0 TMP\_887 = 1 not(TMP\_887) = 0 TMP\_888 = 0 not(TMP\_888) = 1 TMP\_889 = 0 not(TMP\_889) = 1 root1\_F154Atribute0 = 0 TMP\_890 = 1 not(TMP\_890) = 0 TMP\_891 = 1 not(TMP\_891) = 0 TMP\_892 = 0 not(TMP\_892) = 1 TMP\_893 = 0 not(TMP\_893) = 1 root1\_F155Atribute1 = 62 TMP\_894 = 0 not(TMP\_894) = 1 TMP\_895 = 0 not(TMP\_895) = 1 TMP\_896 = 1 not(TMP\_896) = 0 TMP\_897 = 1 not(TMP\_897) = 0 root1\_F155Atribute0 = 77 TMP\_898 = 0 not(TMP\_898) = 1 TMP\_899 = 0 not(TMP\_899) = 1 TMP\_900 = 1 not(TMP\_900) = 0 TMP\_901 = 1 not(TMP\_901) = 0 root1\_F156Atribute1 = 76 TMP\_902 = 0 not(TMP\_902) = 1 TMP\_903 = 0 not(TMP\_903) = 1 TMP\_904 = 1 not(TMP\_904) = 0 TMP\_905 = 1 not(TMP\_905) = 0 root1\_F156Atribute0 = 35 TMP\_906 = 0 not(TMP\_906) = 1 TMP\_907 = 0 not(TMP\_907) = 1 TMP\_908 = 1 not(TMP\_908) = 0 TMP\_909 = 1 not(TMP\_909) = 0 root1\_F157Atribute1 = 23 TMP\_910 = 0 not(TMP\_910) = 1 TMP\_911 = 0 not(TMP\_911) = 1 TMP\_912 = 1 not(TMP\_912) = 0 TMP\_913 = 1 not(TMP\_913) = 0 root1\_F157Atribute0 = 39 TMP\_914 = 0 not(TMP\_914) = 1 TMP\_915 = 0 not(TMP\_915) = 1 TMP\_916 = 1 not(TMP\_916) = 0 TMP\_917 = 1 not(TMP\_917) = 0 root1\_F133Atribute1 = 67 TMP\_918 = 0 not(TMP\_918) = 1 TMP\_919 = 0 not(TMP\_919) = 1 TMP\_920 = 1 not(TMP\_920) = 0 TMP\_921 = 1 not(TMP\_921) = 0 root1\_F133Atribute0 = 26 TMP\_922 = 0 not(TMP\_922) = 1 TMP\_923 = 0 not(TMP\_923) = 1 TMP\_924 = 1 not(TMP\_924) = 0 TMP\_925 = 1 not(TMP\_925) = 0 root1\_F134Atribute1 = 0 TMP\_926 = 1 not(TMP\_926) = 0 TMP\_927 = 1 not(TMP\_927) = 0 TMP\_928 = 0 not(TMP\_928) = 1 TMP\_929 = 0 not(TMP\_929) = 1 root1\_F134Atribute0 = 0 TMP\_930 = 1 not(TMP\_930) = 0 TMP\_931 = 1 not(TMP\_931) = 0 TMP\_932 = 0 not(TMP\_932) = 1 TMP\_933 = 0 not(TMP\_933) = 1 root1\_F135Atribute1 = 95 TMP\_934 = 0 not(TMP\_934) = 1 TMP\_935 = 0 not(TMP\_935) = 1 TMP\_936 = 1 not(TMP\_936) = 0 TMP\_937 = 1 not(TMP\_937) = 0 root1\_F135Atribute0 = 68 TMP\_938 = 0 not(TMP\_938) = 1 TMP\_939 = 0 not(TMP\_939) = 1 TMP\_940 = 1 not(TMP\_940) = 0 TMP\_941 = 1 not(TMP\_941) = 0 root1\_F15Atribute1 = 74 TMP\_942 = 0 not(TMP\_942) = 1 TMP\_943 = 0 not(TMP\_943) = 1 TMP\_944 = 1 not(TMP\_944) = 0 TMP\_945 = 1 not(TMP\_945) = 0 root1\_F15Atribute0 = 78 TMP\_946 = 0 not(TMP\_946) = 1 TMP\_947 = 0 not(TMP\_947) = 1 TMP\_948 = 1 not(TMP\_948) = 0 TMP\_949 = 1 not(TMP\_949) = 0 root1\_F16Atribute1 = 17 TMP\_950 = 0 not(TMP\_950) = 1 TMP\_951 = 0 not(TMP\_951) = 1 TMP\_952 = 1 not(TMP\_952) = 0 TMP\_953 = 1 not(TMP\_953) = 0 root1\_F16Atribute0 = 66 TMP\_954 = 0 not(TMP\_954) = 1 TMP\_955 = 0 not(TMP\_955) = 1 TMP\_956 = 1 not(TMP\_956) = 0 TMP\_957 = 1 not(TMP\_957) = 0 root1\_F17Atribute1 = 0 TMP\_958 = 1 not(TMP\_958) = 0 TMP\_959 = 1 not(TMP\_959) = 0 TMP\_960 = 0 not(TMP\_960) = 1 TMP\_961 = 0 not(TMP\_961) = 1 root1\_F17Atribute0 = 0 TMP\_962 = 1 not(TMP\_962) = 0 TMP\_963 = 1 not(TMP\_963) = 0 TMP\_964 = 0 not(TMP\_964) = 1 TMP\_965 = 0 not(TMP\_965) = 1 root1\_F6Atribute1 = 98 TMP\_966 = 0 not(TMP\_966) = 1 TMP\_967 = 0 not(TMP\_967) = 1 TMP\_968 = 1 not(TMP\_968) = 0 TMP\_969 = 1 not(TMP\_969) = 0 root1\_F6Atribute0 = 44 TMP\_970 = 0 not(TMP\_970) = 1 TMP\_971 = 0 not(TMP\_971) = 1 TMP\_972 = 1 not(TMP\_972) = 0 TMP\_973 = 1 not(TMP\_973) = 0 root1\_F88Atribute1 = 82 TMP\_974 = 0 not(TMP\_974) = 1 TMP\_975 = 0 not(TMP\_975) = 1 TMP\_976 = 1 not(TMP\_976) = 0 TMP\_977 = 1 not(TMP\_977) = 0 root1\_F88Atribute0 = 30 TMP\_978 = 0 not(TMP\_978) = 1 TMP\_979 = 0 not(TMP\_979) = 1 TMP\_980 = 1 not(TMP\_980) = 0 TMP\_981 = 1 not(TMP\_981) = 0 root1\_F89Atribute1 = 0 TMP\_982 = 1 not(TMP\_982) = 0 TMP\_983 = 1 not(TMP\_983) = 0 TMP\_984 = 0 not(TMP\_984) = 1 TMP\_985 = 0 not(TMP\_985) = 1 root1\_F89Atribute0 = 0 TMP\_986 = 1 not(TMP\_986) = 0 TMP\_987 = 1 not(TMP\_987) = 0 TMP\_988 = 0 not(TMP\_988) = 1 TMP\_989 = 0 not(TMP\_989) = 1 root1\_F90Atribute1 = 15 TMP\_990 = 0 not(TMP\_990) = 1 TMP\_991 = 0 not(TMP\_991) = 1 TMP\_992 = 1 not(TMP\_992) = 0 TMP\_993 = 1 not(TMP\_993) = 0 root1\_F90Atribute0 = 14 TMP\_994 = 0 not(TMP\_994) = 1 TMP\_995 = 0 not(TMP\_995) = 1 TMP\_996 = 1 not(TMP\_996) = 0 TMP\_997 = 1 not(TMP\_997) = 0 root1\_F91Atribute1 = 98 TMP\_998 = 0 not(TMP\_998) = 1 TMP\_999 = 0 not(TMP\_999) = 1 TMP\_1000 = 1 not(TMP\_1000) = 0 TMP\_1001 = 1 not(TMP\_1001) = 0 root1\_F91Atribute0 = 98 TMP\_1002 = 0 not(TMP\_1002) = 1 TMP\_1003 = 0 not(TMP\_1003) = 1 TMP\_1004 = 1 not(TMP\_1004) = 0 TMP\_1005 = 1 not(TMP\_1005) = 0 root1\_F92Atribute1 = 32 TMP\_1006 = 0 not(TMP\_1006) = 1 TMP\_1007 = 0 not(TMP\_1007) = 1 TMP\_1008 = 1 not(TMP\_1008) = 0 TMP\_1009 = 1 not(TMP\_1009) = 0 root1\_F92Atribute0 = 95 TMP\_1010 = 0 not(TMP\_1010) = 1 TMP\_1011 = 0 not(TMP\_1011) = 1 TMP\_1012 = 1 not(TMP\_1012) = 0 TMP\_1013 = 1 not(TMP\_1013) = 0 root1\_F93Atribute1 = 0 TMP\_1014 = 1 not(TMP\_1014) = 0 TMP\_1015 = 1 not(TMP\_1015) = 0 TMP\_1016 = 0 not(TMP\_1016) = 1 TMP\_1017 = 0 not(TMP\_1017) = 1 root1\_F93Atribute0 = 0 TMP\_1018 = 1 not(TMP\_1018) = 0 TMP\_1019 = 1 not(TMP\_1019) = 0 TMP\_1020 = 0 not(TMP\_1020) = 1 TMP\_1021 = 0 not(TMP\_1021) = 1 root1\_F94Atribute1 = 80 TMP\_1022 = 0 not(TMP\_1022) = 1 TMP\_1023 = 0 not(TMP\_1023) = 1 TMP\_1024 = 1 not(TMP\_1024) = 0 TMP\_1025 = 1 not(TMP\_1025) = 0 root1\_F94Atribute0 = 26 TMP\_1026 = 0 not(TMP\_1026) = 1 TMP\_1027 = 0 not(TMP\_1027) = 1 TMP\_1028 = 1 not(TMP\_1028) = 0 TMP\_1029 = 1 not(TMP\_1029) = 0 sumOrroot1\_F23 = 1 TMP\_1030 = 1 not(TMP\_1030) = 0 not(feature\_root1\_F23) = 0 TMP\_1031 = 0 not(TMP\_1031) = 1 sumOrroot1\_F64 = 1 TMP\_1032 = 1 not(TMP\_1032) = 0 not(feature\_root1\_F64) = 0 TMP\_1033 = 0 not(TMP\_1033) = 1 sumOrroot1\_F24 = 1 TMP\_1034 = 1 not(TMP\_1034) = 0 not(feature\_root1\_F24) = 0 TMP\_1035 = 0 not(TMP\_1035) = 1 sumOrroot1\_F24 = 1 TMP\_1036 = 1 not(TMP\_1036) = 0 TMP\_1037 = 0 not(TMP\_1037) = 1 sumOrroot1\_F73 = 3 TMP\_1038 = 1 not(TMP\_1038) = 0 not(feature\_root1\_F73) = 0 TMP\_1039 = 0 not(TMP\_1039) = 1 sumOrroot1\_F5 = 1 TMP\_1040 = 1 not(TMP\_1040) = 0 not(feature\_root1\_F5) = 0 TMP\_1041 = 0 not(TMP\_1041) = 1 sumOrroot1\_F12 = 0 TMP\_1042 = 0 not(TMP\_1042) = 1 not(feature\_root1\_F12) = 1 TMP\_1043 = 1 not(TMP\_1043) = 0 sumOrroot1\_F36 = 0 TMP\_1044 = 0 not(TMP\_1044) = 1 not(feature\_root1\_F36) = 1 TMP\_1045 = 1 not(TMP\_1045) = 0 sumOrroot1\_F34 = 0 TMP\_1046 = 0 not(TMP\_1046) = 1 not(feature\_root1\_F34) = 1 TMP\_1047 = 1 not(TMP\_1047) = 0 sumOrroot1\_F48 = 0 TMP\_1048 = 0 not(TMP\_1048) = 1 not(feature\_root1\_F48) = 1 TMP\_1049 = 1 not(TMP\_1049) = 0 sumOrroot1\_F112 = 0 TMP\_1050 = 0 not(TMP\_1050) = 1 not(feature\_root1\_F112) = 1 TMP\_1051 = 1 not(TMP\_1051) = 0 sumOrroot1\_F5 = 3 TMP\_1052 = 1 not(TMP\_1052) = 0 TMP\_1053 = 0 not(TMP\_1053) = 1 sumOrroot1\_F52 = 1 TMP\_1054 = 1 not(TMP\_1054) = 0 not(feature\_root1\_F52) = 0 TMP\_1055 = 0 not(TMP\_1055) = 1 sumOrroot1\_F7 = 1 TMP\_1056 = 1 not(TMP\_1056) = 0 not(feature\_root1\_F7) = 0 TMP\_1057 = 0 not(TMP\_1057) = 1 -(root1\_F60Atribute1) = -1 -(root1\_F61Atribute1) = 0 -(root1\_F62Atribute1) = -74 -(root1\_F63Atribute1) = -15 -(root1\_F65Atribute1) = -32 -(root1\_F66Atribute1) = -21 -(root1\_F67Atribute1) = 0 -(root1\_F68Atribute1) = 0 -(root1\_F69Atribute1) = -81 -(root1\_F70Atribute1) = 0 -(root1\_F71Atribute1) = -37 -(root1\_F72Atribute1) = 0 -(root1\_F74Atribute1) = -16 -(root1\_F75Atribute1) = 0 -(root1\_F76Atribute1) = -31 -(root1\_F78Atribute1) = -15 -(root1\_F79Atribute1) = 0 -(root1\_F138Atribute1) = 0 -(root1\_F139Atribute1) = 0 -(root1\_F147Atribute1) = 0 -(root1\_F148Atribute1) = 0 -(root1\_F145Atribute1) = 0 -(root1\_F41Atribute1) = 0 -(root1\_F146Atribute1) = 0 -(root1\_F143Atribute1) = 0 -(root1\_F144Atribute1) = 0 -(root1\_F43Atribute1) = 0 -(root1\_F141Atribute1) = 0 -(root1\_F44Atribute1) = 0 -(root1\_F142Atribute1) = 0 -(root1\_F45Atribute1) = 0 -(root1\_F46Atribute1) = 0 -(root1\_F140Atribute1) = 0 -(root1\_F47Atribute1) = 0 -(root1\_F49Atribute1) = 0 -(root1\_F149Atribute1) = 0 -(root1\_F158Atribute1) = 0 -(root1\_F159Atribute1) = 0 -(root1\_F50Atribute1) = 0 -(root1\_F156Atribute1) = -76 -(root1\_F157Atribute1) = -23 -(root1\_F154Atribute1) = 0 -(root1\_F54Atribute1) = -32 -(root1\_F155Atribute1) = -62 -(root1\_F55Atribute1) = -12 -(root1\_F152Atribute1) = 0 -(root1\_F56Atribute1) = 0 -(root1\_F153Atribute1) = -50 -(root1\_F150Atribute1) = 0 -(root1\_F58Atribute1) = -61 -(root1\_F151Atribute1) = 0 -(root1\_F59Atribute1) = -49 -(root1\_F118Atribute1) = 0 -(root1\_F119Atribute1) = 0 -(root1\_F116Atribute1) = 0 -(root1\_F117Atribute1) = 0 -(root1\_F125Atribute1) = 0 -(root1\_F126Atribute1) = 0 -(root1\_F123Atribute1) = 0 -(root1\_F124Atribute1) = 0 -(root1\_F20Atribute1) = -15 -(root1\_F121Atribute1) = 0 -(root1\_F122Atribute1) = 0 -(root1\_F22Atribute1) = -51 -(root1\_F120Atribute1) = 0 -(root1\_F25Atribute1) = -26 -(root1\_F27Atribute1) = 0 -(root1\_F28Atribute1) = 0 -(root1\_F29Atribute1) = 0 -(root1\_F6Atribute1) = -98 -(root1\_F9Atribute1) = -47 -(root1\_F8Atribute1) = 0 -(root1\_F2Atribute1) = -29 -(root1\_F4Atribute1) = -26 -(root1\_F129Atribute1) = 0 -(root1\_F127Atribute1) = 0 -(root1\_F128Atribute1) = 0 -(root1\_F136Atribute1) = 0 -(root1\_F137Atribute1) = 0 -(root1\_F134Atribute1) = 0 -(root1\_F30Atribute1) = 0 -(root1\_F135Atribute1) = -95 -(root1\_F132Atribute1) = -69 -(root1\_F31Atribute1) = 0 -(root1\_F133Atribute1) = -67 -(root1\_F130Atribute1) = 0 -(root1\_F33Atribute1) = 0 -(root1\_F131Atribute1) = 0 -(root1\_F35Atribute1) = 0 -(root1\_F37Atribute1) = 0 -(root1\_F38Atribute1) = 0 -(root1\_F39Atribute1) = 0 -(root1\_F80Atribute1) = -94 -(root1\_F82Atribute1) = -90 -(root1\_F103Atribute1) = -34 -(root1\_F83Atribute1) = -17 -(root1\_F104Atribute1) = -99 -(root1\_F84Atribute1) = -11 -(root1\_F101Atribute1) = -21 -(root1\_F102Atribute1) = -19 -(root1\_F86Atribute1) = 0 -(root1\_F100Atribute1) = -85 -(root1\_F87Atribute1) = 0 -(root1\_F88Atribute1) = -82 -(root1\_F89Atribute1) = 0 -(root1\_F109Atribute1) = 0 -(root1\_F107Atribute1) = -72 -(root1\_F108Atribute1) = -92 -(root1\_F90Atribute1) = -15 -(root1\_F105Atribute1) = -93 -(root1\_F91Atribute1) = -98 -(root1\_F106Atribute1) = -91 -(root1\_F92Atribute1) = -32 -(root1\_F114Atribute1) = 0 -(root1\_F93Atribute1) = 0 -(root1\_F94Atribute1) = -80 -(root1\_F96Atribute1) = 0 -(root1\_F113Atribute1) = 0 -(root1\_F97Atribute1) = 0 -(root1\_F110Atribute1) = 0 -(root1\_F10Atribute1) = -46 -(root1\_F11Atribute1) = 0 -(root1\_F99Atribute1) = 0 -(root1\_F13Atribute1) = 0 -(root1\_F15Atribute1) = -74 -(root1\_F16Atribute1) = -17 -(root1\_F17Atribute1) = 0 -(root1\_F18Atribute1) = -15 -(root1\_F19Atribute1) = -72 totalAtribute0 = 2694 totalAtribute1 = -2560 .

- Solution #8 found. Solver[Solver-0], 8 Solutions, Resolution time 0.226s, 45 Nodes (199.2 n/s), 14 Backtracks, 1 Fails, 0 Restarts

feature\_root1\_F1 = 1 feature\_root1\_F18 = 1 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 1 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 1 feature\_root1\_F75 = 0 feature\_root1\_F76 = 1 feature\_root1\_F77 = 1 feature\_root1\_F118 = 0 feature\_root1\_F78 = 1 feature\_root1\_F79 = 0 feature\_root1\_F80 = 1 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 1 feature\_root1\_F83 = 1 feature\_root1\_F84 = 1 feature\_root1\_F65 = 1 feature\_root1\_F66 = 1 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 1 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 1 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 0 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 0 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 0 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 0 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 15 TMP\_0 = 0 not(TMP\_0) = 1 TMP\_1 = 0 not(TMP\_1) = 1 TMP\_2 = 1 not(TMP\_2) = 0 TMP\_3 = 1 not(TMP\_3) = 0 root1\_F18Atribute0 = 86 TMP\_4 = 0 not(TMP\_4) = 1 TMP\_5 = 0 not(TMP\_5) = 1 TMP\_6 = 1 not(TMP\_6) = 0 TMP\_7 = 1 not(TMP\_7) = 0 root1\_F19Atribute1 = 72 TMP\_8 = 0 not(TMP\_8) = 1 TMP\_9 = 0 not(TMP\_9) = 1 TMP\_10 = 1 not(TMP\_10) = 0 TMP\_11 = 1 not(TMP\_11) = 0 root1\_F19Atribute0 = 64 TMP\_12 = 0 not(TMP\_12) = 1 TMP\_13 = 0 not(TMP\_13) = 1 TMP\_14 = 1 not(TMP\_14) = 0 TMP\_15 = 1 not(TMP\_15) = 0 root1\_F20Atribute1 = 15 TMP\_16 = 0 not(TMP\_16) = 1 TMP\_17 = 0 not(TMP\_17) = 1 TMP\_18 = 1 not(TMP\_18) = 0 TMP\_19 = 1 not(TMP\_19) = 0 root1\_F20Atribute0 = 61 TMP\_20 = 0 not(TMP\_20) = 1 TMP\_21 = 0 not(TMP\_21) = 1 TMP\_22 = 1 not(TMP\_22) = 0 TMP\_23 = 1 not(TMP\_23) = 0 root1\_F140Atribute1 = 0 TMP\_24 = 1 not(TMP\_24) = 0 TMP\_25 = 1 not(TMP\_25) = 0 TMP\_26 = 0 not(TMP\_26) = 1 TMP\_27 = 0 not(TMP\_27) = 1 root1\_F140Atribute0 = 0 TMP\_28 = 1 not(TMP\_28) = 0 TMP\_29 = 1 not(TMP\_29) = 0 TMP\_30 = 0 not(TMP\_30) = 1 TMP\_31 = 0 not(TMP\_31) = 1 root1\_F141Atribute1 = 0 TMP\_32 = 1 not(TMP\_32) = 0 TMP\_33 = 1 not(TMP\_33) = 0 TMP\_34 = 0 not(TMP\_34) = 1 TMP\_35 = 0 not(TMP\_35) = 1 root1\_F141Atribute0 = 0 TMP\_36 = 1 not(TMP\_36) = 0 TMP\_37 = 1 not(TMP\_37) = 0 TMP\_38 = 0 not(TMP\_38) = 1 TMP\_39 = 0 not(TMP\_39) = 1 root1\_F142Atribute1 = 0 TMP\_40 = 1 not(TMP\_40) = 0 TMP\_41 = 1 not(TMP\_41) = 0 TMP\_42 = 0 not(TMP\_42) = 1 TMP\_43 = 0 not(TMP\_43) = 1 root1\_F142Atribute0 = 0 TMP\_44 = 1 not(TMP\_44) = 0 TMP\_45 = 1 not(TMP\_45) = 0 TMP\_46 = 0 not(TMP\_46) = 1 TMP\_47 = 0 not(TMP\_47) = 1 root1\_F143Atribute1 = 0 TMP\_48 = 1 not(TMP\_48) = 0 TMP\_49 = 1 not(TMP\_49) = 0 TMP\_50 = 0 not(TMP\_50) = 1 TMP\_51 = 0 not(TMP\_51) = 1 root1\_F143Atribute0 = 0 TMP\_52 = 1 not(TMP\_52) = 0 TMP\_53 = 1 not(TMP\_53) = 0 TMP\_54 = 0 not(TMP\_54) = 1 TMP\_55 = 0 not(TMP\_55) = 1 root1\_F144Atribute1 = 0 TMP\_56 = 1 not(TMP\_56) = 0 TMP\_57 = 1 not(TMP\_57) = 0 TMP\_58 = 0 not(TMP\_58) = 1 TMP\_59 = 0 not(TMP\_59) = 1 root1\_F144Atribute0 = 0 TMP\_60 = 1 not(TMP\_60) = 0 TMP\_61 = 1 not(TMP\_61) = 0 TMP\_62 = 0 not(TMP\_62) = 1 TMP\_63 = 0 not(TMP\_63) = 1 root1\_F22Atribute1 = 51 TMP\_64 = 0 not(TMP\_64) = 1 TMP\_65 = 0 not(TMP\_65) = 1 TMP\_66 = 1 not(TMP\_66) = 0 TMP\_67 = 1 not(TMP\_67) = 0 root1\_F22Atribute0 = 69 TMP\_68 = 0 not(TMP\_68) = 1 TMP\_69 = 0 not(TMP\_69) = 1 TMP\_70 = 1 not(TMP\_70) = 0 TMP\_71 = 1 not(TMP\_71) = 0 root1\_F54Atribute1 = 32 TMP\_72 = 0 not(TMP\_72) = 1 TMP\_73 = 0 not(TMP\_73) = 1 TMP\_74 = 1 not(TMP\_74) = 0 TMP\_75 = 1 not(TMP\_75) = 0 root1\_F54Atribute0 = 96 TMP\_76 = 0 not(TMP\_76) = 1 TMP\_77 = 0 not(TMP\_77) = 1 TMP\_78 = 1 not(TMP\_78) = 0 TMP\_79 = 1 not(TMP\_79) = 0 root1\_F55Atribute1 = 12 TMP\_80 = 0 not(TMP\_80) = 1 TMP\_81 = 0 not(TMP\_81) = 1 TMP\_82 = 1 not(TMP\_82) = 0 TMP\_83 = 1 not(TMP\_83) = 0 root1\_F55Atribute0 = 76 TMP\_84 = 0 not(TMP\_84) = 1 TMP\_85 = 0 not(TMP\_85) = 1 TMP\_86 = 1 not(TMP\_86) = 0 TMP\_87 = 1 not(TMP\_87) = 0 root1\_F56Atribute1 = 0 TMP\_88 = 1 not(TMP\_88) = 0 TMP\_89 = 1 not(TMP\_89) = 0 TMP\_90 = 0 not(TMP\_90) = 1 TMP\_91 = 0 not(TMP\_91) = 1 root1\_F56Atribute0 = 0 TMP\_92 = 1 not(TMP\_92) = 0 TMP\_93 = 1 not(TMP\_93) = 0 TMP\_94 = 0 not(TMP\_94) = 1 TMP\_95 = 0 not(TMP\_95) = 1 root1\_F132Atribute1 = 69 TMP\_96 = 0 not(TMP\_96) = 1 TMP\_97 = 0 not(TMP\_97) = 1 TMP\_98 = 1 not(TMP\_98) = 0 TMP\_99 = 1 not(TMP\_99) = 0 root1\_F132Atribute0 = 61 TMP\_100 = 0 not(TMP\_100) = 1 TMP\_101 = 0 not(TMP\_101) = 1 TMP\_102 = 1 not(TMP\_102) = 0 TMP\_103 = 1 not(TMP\_103) = 0 root1\_F58Atribute1 = 61 TMP\_104 = 0 not(TMP\_104) = 1 TMP\_105 = 0 not(TMP\_105) = 1 TMP\_106 = 1 not(TMP\_106) = 0 TMP\_107 = 1 not(TMP\_107) = 0 root1\_F58Atribute0 = 39 TMP\_108 = 0 not(TMP\_108) = 1 TMP\_109 = 0 not(TMP\_109) = 1 TMP\_110 = 1 not(TMP\_110) = 0 TMP\_111 = 1 not(TMP\_111) = 0 root1\_F59Atribute1 = 49 TMP\_112 = 0 not(TMP\_112) = 1 TMP\_113 = 0 not(TMP\_113) = 1 TMP\_114 = 1 not(TMP\_114) = 0 TMP\_115 = 1 not(TMP\_115) = 0 root1\_F59Atribute0 = 93 TMP\_116 = 0 not(TMP\_116) = 1 TMP\_117 = 0 not(TMP\_117) = 1 TMP\_118 = 1 not(TMP\_118) = 0 TMP\_119 = 1 not(TMP\_119) = 0 root1\_F60Atribute1 = 1 TMP\_120 = 0 not(TMP\_120) = 1 TMP\_121 = 0 not(TMP\_121) = 1 TMP\_122 = 1 not(TMP\_122) = 0 TMP\_123 = 1 not(TMP\_123) = 0 root1\_F60Atribute0 = 44 TMP\_124 = 0 not(TMP\_124) = 1 TMP\_125 = 0 not(TMP\_125) = 1 TMP\_126 = 1 not(TMP\_126) = 0 TMP\_127 = 1 not(TMP\_127) = 0 root1\_F61Atribute1 = 91 TMP\_128 = 0 not(TMP\_128) = 1 TMP\_129 = 0 not(TMP\_129) = 1 TMP\_130 = 1 not(TMP\_130) = 0 TMP\_131 = 1 not(TMP\_131) = 0 root1\_F61Atribute0 = 65 TMP\_132 = 0 not(TMP\_132) = 1 TMP\_133 = 0 not(TMP\_133) = 1 TMP\_134 = 1 not(TMP\_134) = 0 TMP\_135 = 1 not(TMP\_135) = 0 root1\_F62Atribute1 = 74 TMP\_136 = 0 not(TMP\_136) = 1 TMP\_137 = 0 not(TMP\_137) = 1 TMP\_138 = 1 not(TMP\_138) = 0 TMP\_139 = 1 not(TMP\_139) = 0 root1\_F62Atribute0 = 47 TMP\_140 = 0 not(TMP\_140) = 1 TMP\_141 = 0 not(TMP\_141) = 1 TMP\_142 = 1 not(TMP\_142) = 0 TMP\_143 = 1 not(TMP\_143) = 0 root1\_F63Atribute1 = 15 TMP\_144 = 0 not(TMP\_144) = 1 TMP\_145 = 0 not(TMP\_145) = 1 TMP\_146 = 1 not(TMP\_146) = 0 TMP\_147 = 1 not(TMP\_147) = 0 root1\_F63Atribute0 = 27 TMP\_148 = 0 not(TMP\_148) = 1 TMP\_149 = 0 not(TMP\_149) = 1 TMP\_150 = 1 not(TMP\_150) = 0 TMP\_151 = 1 not(TMP\_151) = 0 root1\_F75Atribute1 = 0 TMP\_152 = 1 not(TMP\_152) = 0 TMP\_153 = 1 not(TMP\_153) = 0 TMP\_154 = 0 not(TMP\_154) = 1 TMP\_155 = 0 not(TMP\_155) = 1 root1\_F75Atribute0 = 0 TMP\_156 = 1 not(TMP\_156) = 0 TMP\_157 = 1 not(TMP\_157) = 0 TMP\_158 = 0 not(TMP\_158) = 1 TMP\_159 = 0 not(TMP\_159) = 1 root1\_F76Atribute1 = 31 TMP\_160 = 0 not(TMP\_160) = 1 TMP\_161 = 0 not(TMP\_161) = 1 TMP\_162 = 1 not(TMP\_162) = 0 TMP\_163 = 1 not(TMP\_163) = 0 root1\_F76Atribute0 = 62 TMP\_164 = 0 not(TMP\_164) = 1 TMP\_165 = 0 not(TMP\_165) = 1 TMP\_166 = 1 not(TMP\_166) = 0 TMP\_167 = 1 not(TMP\_167) = 0 root1\_F118Atribute1 = 0 TMP\_168 = 1 not(TMP\_168) = 0 TMP\_169 = 1 not(TMP\_169) = 0 TMP\_170 = 0 not(TMP\_170) = 1 TMP\_171 = 0 not(TMP\_171) = 1 root1\_F118Atribute0 = 0 TMP\_172 = 1 not(TMP\_172) = 0 TMP\_173 = 1 not(TMP\_173) = 0 TMP\_174 = 0 not(TMP\_174) = 1 TMP\_175 = 0 not(TMP\_175) = 1 root1\_F78Atribute1 = 15 TMP\_176 = 0 not(TMP\_176) = 1 TMP\_177 = 0 not(TMP\_177) = 1 TMP\_178 = 1 not(TMP\_178) = 0 TMP\_179 = 1 not(TMP\_179) = 0 root1\_F78Atribute0 = 75 TMP\_180 = 0 not(TMP\_180) = 1 TMP\_181 = 0 not(TMP\_181) = 1 TMP\_182 = 1 not(TMP\_182) = 0 TMP\_183 = 1 not(TMP\_183) = 0 root1\_F79Atribute1 = 0 TMP\_184 = 1 not(TMP\_184) = 0 TMP\_185 = 1 not(TMP\_185) = 0 TMP\_186 = 0 not(TMP\_186) = 1 TMP\_187 = 0 not(TMP\_187) = 1 root1\_F79Atribute0 = 0 TMP\_188 = 1 not(TMP\_188) = 0 TMP\_189 = 1 not(TMP\_189) = 0 TMP\_190 = 0 not(TMP\_190) = 1 TMP\_191 = 0 not(TMP\_191) = 1 root1\_F80Atribute1 = 94 TMP\_192 = 0 not(TMP\_192) = 1 TMP\_193 = 0 not(TMP\_193) = 1 TMP\_194 = 1 not(TMP\_194) = 0 TMP\_195 = 1 not(TMP\_195) = 0 root1\_F80Atribute0 = 1 TMP\_196 = 0 not(TMP\_196) = 1 TMP\_197 = 0 not(TMP\_197) = 1 TMP\_198 = 1 not(TMP\_198) = 0 TMP\_199 = 1 not(TMP\_199) = 0 root1\_F124Atribute1 = 0 TMP\_200 = 1 not(TMP\_200) = 0 TMP\_201 = 1 not(TMP\_201) = 0 TMP\_202 = 0 not(TMP\_202) = 1 TMP\_203 = 0 not(TMP\_203) = 1 root1\_F124Atribute0 = 0 TMP\_204 = 1 not(TMP\_204) = 0 TMP\_205 = 1 not(TMP\_205) = 0 TMP\_206 = 0 not(TMP\_206) = 1 TMP\_207 = 0 not(TMP\_207) = 1 root1\_F125Atribute1 = 0 TMP\_208 = 1 not(TMP\_208) = 0 TMP\_209 = 1 not(TMP\_209) = 0 TMP\_210 = 0 not(TMP\_210) = 1 TMP\_211 = 0 not(TMP\_211) = 1 root1\_F125Atribute0 = 0 TMP\_212 = 1 not(TMP\_212) = 0 TMP\_213 = 1 not(TMP\_213) = 0 TMP\_214 = 0 not(TMP\_214) = 1 TMP\_215 = 0 not(TMP\_215) = 1 root1\_F126Atribute1 = 0 TMP\_216 = 1 not(TMP\_216) = 0 TMP\_217 = 1 not(TMP\_217) = 0 TMP\_218 = 0 not(TMP\_218) = 1 TMP\_219 = 0 not(TMP\_219) = 1 root1\_F126Atribute0 = 0 TMP\_220 = 1 not(TMP\_220) = 0 TMP\_221 = 1 not(TMP\_221) = 0 TMP\_222 = 0 not(TMP\_222) = 1 TMP\_223 = 0 not(TMP\_223) = 1 root1\_F127Atribute1 = 0 TMP\_224 = 1 not(TMP\_224) = 0 TMP\_225 = 1 not(TMP\_225) = 0 TMP\_226 = 0 not(TMP\_226) = 1 TMP\_227 = 0 not(TMP\_227) = 1 root1\_F127Atribute0 = 0 TMP\_228 = 1 not(TMP\_228) = 0 TMP\_229 = 1 not(TMP\_229) = 0 TMP\_230 = 0 not(TMP\_230) = 1 TMP\_231 = 0 not(TMP\_231) = 1 root1\_F128Atribute1 = 0 TMP\_232 = 1 not(TMP\_232) = 0 TMP\_233 = 1 not(TMP\_233) = 0 TMP\_234 = 0 not(TMP\_234) = 1 TMP\_235 = 0 not(TMP\_235) = 1 root1\_F128Atribute0 = 0 TMP\_236 = 1 not(TMP\_236) = 0 TMP\_237 = 1 not(TMP\_237) = 0 TMP\_238 = 0 not(TMP\_238) = 1 TMP\_239 = 0 not(TMP\_239) = 1 root1\_F129Atribute1 = 0 TMP\_240 = 1 not(TMP\_240) = 0 TMP\_241 = 1 not(TMP\_241) = 0 TMP\_242 = 0 not(TMP\_242) = 1 TMP\_243 = 0 not(TMP\_243) = 1 root1\_F129Atribute0 = 0 TMP\_244 = 1 not(TMP\_244) = 0 TMP\_245 = 1 not(TMP\_245) = 0 TMP\_246 = 0 not(TMP\_246) = 1 TMP\_247 = 0 not(TMP\_247) = 1 root1\_F130Atribute1 = 0 TMP\_248 = 1 not(TMP\_248) = 0 TMP\_249 = 1 not(TMP\_249) = 0 TMP\_250 = 0 not(TMP\_250) = 1 TMP\_251 = 0 not(TMP\_251) = 1 root1\_F130Atribute0 = 0 TMP\_252 = 1 not(TMP\_252) = 0 TMP\_253 = 1 not(TMP\_253) = 0 TMP\_254 = 0 not(TMP\_254) = 1 TMP\_255 = 0 not(TMP\_255) = 1 root1\_F131Atribute1 = 0 TMP\_256 = 1 not(TMP\_256) = 0 TMP\_257 = 1 not(TMP\_257) = 0 TMP\_258 = 0 not(TMP\_258) = 1 TMP\_259 = 0 not(TMP\_259) = 1 root1\_F131Atribute0 = 0 TMP\_260 = 1 not(TMP\_260) = 0 TMP\_261 = 1 not(TMP\_261) = 0 TMP\_262 = 0 not(TMP\_262) = 1 TMP\_263 = 0 not(TMP\_263) = 1 root1\_F86Atribute1 = 0 TMP\_264 = 1 not(TMP\_264) = 0 TMP\_265 = 1 not(TMP\_265) = 0 TMP\_266 = 0 not(TMP\_266) = 1 TMP\_267 = 0 not(TMP\_267) = 1 root1\_F86Atribute0 = 0 TMP\_268 = 1 not(TMP\_268) = 0 TMP\_269 = 1 not(TMP\_269) = 0 TMP\_270 = 0 not(TMP\_270) = 1 TMP\_271 = 0 not(TMP\_271) = 1 root1\_F82Atribute1 = 90 TMP\_272 = 0 not(TMP\_272) = 1 TMP\_273 = 0 not(TMP\_273) = 1 TMP\_274 = 1 not(TMP\_274) = 0 TMP\_275 = 1 not(TMP\_275) = 0 root1\_F82Atribute0 = 41 TMP\_276 = 0 not(TMP\_276) = 1 TMP\_277 = 0 not(TMP\_277) = 1 TMP\_278 = 1 not(TMP\_278) = 0 TMP\_279 = 1 not(TMP\_279) = 0 root1\_F83Atribute1 = 17 TMP\_280 = 0 not(TMP\_280) = 1 TMP\_281 = 0 not(TMP\_281) = 1 TMP\_282 = 1 not(TMP\_282) = 0 TMP\_283 = 1 not(TMP\_283) = 0 root1\_F83Atribute0 = 25 TMP\_284 = 0 not(TMP\_284) = 1 TMP\_285 = 0 not(TMP\_285) = 1 TMP\_286 = 1 not(TMP\_286) = 0 TMP\_287 = 1 not(TMP\_287) = 0 root1\_F84Atribute1 = 11 TMP\_288 = 0 not(TMP\_288) = 1 TMP\_289 = 0 not(TMP\_289) = 1 TMP\_290 = 1 not(TMP\_290) = 0 TMP\_291 = 1 not(TMP\_291) = 0 root1\_F84Atribute0 = 68 TMP\_292 = 0 not(TMP\_292) = 1 TMP\_293 = 0 not(TMP\_293) = 1 TMP\_294 = 1 not(TMP\_294) = 0 TMP\_295 = 1 not(TMP\_295) = 0 root1\_F65Atribute1 = 32 TMP\_296 = 0 not(TMP\_296) = 1 TMP\_297 = 0 not(TMP\_297) = 1 TMP\_298 = 1 not(TMP\_298) = 0 TMP\_299 = 1 not(TMP\_299) = 0 root1\_F65Atribute0 = 80 TMP\_300 = 0 not(TMP\_300) = 1 TMP\_301 = 0 not(TMP\_301) = 1 TMP\_302 = 1 not(TMP\_302) = 0 TMP\_303 = 1 not(TMP\_303) = 0 root1\_F66Atribute1 = 21 TMP\_304 = 0 not(TMP\_304) = 1 TMP\_305 = 0 not(TMP\_305) = 1 TMP\_306 = 1 not(TMP\_306) = 0 TMP\_307 = 1 not(TMP\_307) = 0 root1\_F66Atribute0 = 2 TMP\_308 = 0 not(TMP\_308) = 1 TMP\_309 = 0 not(TMP\_309) = 1 TMP\_310 = 1 not(TMP\_310) = 0 TMP\_311 = 1 not(TMP\_311) = 0 root1\_F67Atribute1 = 0 TMP\_312 = 1 not(TMP\_312) = 0 TMP\_313 = 1 not(TMP\_313) = 0 TMP\_314 = 0 not(TMP\_314) = 1 TMP\_315 = 0 not(TMP\_315) = 1 TMP\_316 = 1 not(TMP\_316) = 0 TMP\_317 = 1 not(TMP\_317) = 0 root1\_F68Atribute1 = 0 TMP\_318 = 1 not(TMP\_318) = 0 TMP\_319 = 1 not(TMP\_319) = 0 TMP\_320 = 0 not(TMP\_320) = 1 TMP\_321 = 0 not(TMP\_321) = 1 root1\_F68Atribute0 = 0 TMP\_322 = 1 not(TMP\_322) = 0 TMP\_323 = 1 not(TMP\_323) = 0 TMP\_324 = 0 not(TMP\_324) = 1 TMP\_325 = 0 not(TMP\_325) = 1 root1\_F69Atribute1 = 81 TMP\_326 = 0 not(TMP\_326) = 1 TMP\_327 = 0 not(TMP\_327) = 1 TMP\_328 = 1 not(TMP\_328) = 0 TMP\_329 = 1 not(TMP\_329) = 0 root1\_F69Atribute0 = 6 TMP\_330 = 0 not(TMP\_330) = 1 TMP\_331 = 0 not(TMP\_331) = 1 TMP\_332 = 1 not(TMP\_332) = 0 TMP\_333 = 1 not(TMP\_333) = 0 root1\_F25Atribute1 = 26 TMP\_334 = 0 not(TMP\_334) = 1 TMP\_335 = 0 not(TMP\_335) = 1 TMP\_336 = 1 not(TMP\_336) = 0 TMP\_337 = 1 not(TMP\_337) = 0 root1\_F25Atribute0 = 52 TMP\_338 = 0 not(TMP\_338) = 1 TMP\_339 = 0 not(TMP\_339) = 1 TMP\_340 = 1 not(TMP\_340) = 0 TMP\_341 = 1 not(TMP\_341) = 0 root1\_F74Atribute1 = 16 TMP\_342 = 0 not(TMP\_342) = 1 TMP\_343 = 0 not(TMP\_343) = 1 TMP\_344 = 1 not(TMP\_344) = 0 TMP\_345 = 1 not(TMP\_345) = 0 root1\_F74Atribute0 = 51 TMP\_346 = 0 not(TMP\_346) = 1 TMP\_347 = 0 not(TMP\_347) = 1 TMP\_348 = 1 not(TMP\_348) = 0 TMP\_349 = 1 not(TMP\_349) = 0 root1\_F2Atribute1 = 29 TMP\_350 = 0 not(TMP\_350) = 1 TMP\_351 = 0 not(TMP\_351) = 1 TMP\_352 = 1 not(TMP\_352) = 0 TMP\_353 = 1 not(TMP\_353) = 0 root1\_F2Atribute0 = 91 TMP\_354 = 0 not(TMP\_354) = 1 TMP\_355 = 0 not(TMP\_355) = 1 TMP\_356 = 1 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= 1 TMP\_865 = 0 not(TMP\_865) = 1 root1\_F13Atribute0 = 0 TMP\_866 = 1 not(TMP\_866) = 0 TMP\_867 = 1 not(TMP\_867) = 0 TMP\_868 = 0 not(TMP\_868) = 1 TMP\_869 = 0 not(TMP\_869) = 1 root1\_F50Atribute1 = 0 TMP\_870 = 1 not(TMP\_870) = 0 TMP\_871 = 1 not(TMP\_871) = 0 TMP\_872 = 0 not(TMP\_872) = 1 TMP\_873 = 0 not(TMP\_873) = 1 root1\_F50Atribute0 = 0 TMP\_874 = 1 not(TMP\_874) = 0 TMP\_875 = 1 not(TMP\_875) = 0 TMP\_876 = 0 not(TMP\_876) = 1 TMP\_877 = 0 not(TMP\_877) = 1 root1\_F153Atribute1 = 50 TMP\_878 = 0 not(TMP\_878) = 1 TMP\_879 = 0 not(TMP\_879) = 1 TMP\_880 = 1 not(TMP\_880) = 0 TMP\_881 = 1 not(TMP\_881) = 0 root1\_F153Atribute0 = 88 TMP\_882 = 0 not(TMP\_882) = 1 TMP\_883 = 0 not(TMP\_883) = 1 TMP\_884 = 1 not(TMP\_884) = 0 TMP\_885 = 1 not(TMP\_885) = 0 root1\_F154Atribute1 = 0 TMP\_886 = 1 not(TMP\_886) = 0 TMP\_887 = 1 not(TMP\_887) = 0 TMP\_888 = 0 not(TMP\_888) = 1 TMP\_889 = 0 not(TMP\_889) = 1 root1\_F154Atribute0 = 0 TMP\_890 = 1 not(TMP\_890) = 0 TMP\_891 = 1 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= 67 TMP\_918 = 0 not(TMP\_918) = 1 TMP\_919 = 0 not(TMP\_919) = 1 TMP\_920 = 1 not(TMP\_920) = 0 TMP\_921 = 1 not(TMP\_921) = 0 root1\_F133Atribute0 = 26 TMP\_922 = 0 not(TMP\_922) = 1 TMP\_923 = 0 not(TMP\_923) = 1 TMP\_924 = 1 not(TMP\_924) = 0 TMP\_925 = 1 not(TMP\_925) = 0 root1\_F134Atribute1 = 0 TMP\_926 = 1 not(TMP\_926) = 0 TMP\_927 = 1 not(TMP\_927) = 0 TMP\_928 = 0 not(TMP\_928) = 1 TMP\_929 = 0 not(TMP\_929) = 1 root1\_F134Atribute0 = 0 TMP\_930 = 1 not(TMP\_930) = 0 TMP\_931 = 1 not(TMP\_931) = 0 TMP\_932 = 0 not(TMP\_932) = 1 TMP\_933 = 0 not(TMP\_933) = 1 root1\_F135Atribute1 = 95 TMP\_934 = 0 not(TMP\_934) = 1 TMP\_935 = 0 not(TMP\_935) = 1 TMP\_936 = 1 not(TMP\_936) = 0 TMP\_937 = 1 not(TMP\_937) = 0 root1\_F135Atribute0 = 68 TMP\_938 = 0 not(TMP\_938) = 1 TMP\_939 = 0 not(TMP\_939) = 1 TMP\_940 = 1 not(TMP\_940) = 0 TMP\_941 = 1 not(TMP\_941) = 0 root1\_F15Atribute1 = 74 TMP\_942 = 0 not(TMP\_942) = 1 TMP\_943 = 0 not(TMP\_943) = 1 TMP\_944 = 1 not(TMP\_944) = 0 TMP\_945 = 1 not(TMP\_945) = 0 root1\_F15Atribute0 = 78 TMP\_946 = 0 not(TMP\_946) = 1 TMP\_947 = 0 not(TMP\_947) = 1 TMP\_948 = 1 not(TMP\_948) = 0 TMP\_949 = 1 not(TMP\_949) = 0 root1\_F16Atribute1 = 17 TMP\_950 = 0 not(TMP\_950) = 1 TMP\_951 = 0 not(TMP\_951) = 1 TMP\_952 = 1 not(TMP\_952) = 0 TMP\_953 = 1 not(TMP\_953) = 0 root1\_F16Atribute0 = 66 TMP\_954 = 0 not(TMP\_954) = 1 TMP\_955 = 0 not(TMP\_955) = 1 TMP\_956 = 1 not(TMP\_956) = 0 TMP\_957 = 1 not(TMP\_957) = 0 root1\_F17Atribute1 = 0 TMP\_958 = 1 not(TMP\_958) = 0 TMP\_959 = 1 not(TMP\_959) = 0 TMP\_960 = 0 not(TMP\_960) = 1 TMP\_961 = 0 not(TMP\_961) = 1 root1\_F17Atribute0 = 0 TMP\_962 = 1 not(TMP\_962) = 0 TMP\_963 = 1 not(TMP\_963) = 0 TMP\_964 = 0 not(TMP\_964) = 1 TMP\_965 = 0 not(TMP\_965) = 1 root1\_F6Atribute1 = 98 TMP\_966 = 0 not(TMP\_966) = 1 TMP\_967 = 0 not(TMP\_967) = 1 TMP\_968 = 1 not(TMP\_968) = 0 TMP\_969 = 1 not(TMP\_969) = 0 root1\_F6Atribute0 = 44 TMP\_970 = 0 not(TMP\_970) = 1 TMP\_971 = 0 not(TMP\_971) = 1 TMP\_972 = 1 not(TMP\_972) = 0 TMP\_973 = 1 not(TMP\_973) = 0 root1\_F88Atribute1 = 82 TMP\_974 = 0 not(TMP\_974) = 1 TMP\_975 = 0 not(TMP\_975) = 1 TMP\_976 = 1 not(TMP\_976) = 0 TMP\_977 = 1 not(TMP\_977) = 0 root1\_F88Atribute0 = 30 TMP\_978 = 0 not(TMP\_978) = 1 TMP\_979 = 0 not(TMP\_979) = 1 TMP\_980 = 1 not(TMP\_980) = 0 TMP\_981 = 1 not(TMP\_981) = 0 root1\_F89Atribute1 = 0 TMP\_982 = 1 not(TMP\_982) = 0 TMP\_983 = 1 not(TMP\_983) = 0 TMP\_984 = 0 not(TMP\_984) = 1 TMP\_985 = 0 not(TMP\_985) = 1 root1\_F89Atribute0 = 0 TMP\_986 = 1 not(TMP\_986) = 0 TMP\_987 = 1 not(TMP\_987) = 0 TMP\_988 = 0 not(TMP\_988) = 1 TMP\_989 = 0 not(TMP\_989) = 1 root1\_F90Atribute1 = 15 TMP\_990 = 0 not(TMP\_990) = 1 TMP\_991 = 0 not(TMP\_991) = 1 TMP\_992 = 1 not(TMP\_992) = 0 TMP\_993 = 1 not(TMP\_993) = 0 root1\_F90Atribute0 = 14 TMP\_994 = 0 not(TMP\_994) = 1 TMP\_995 = 0 not(TMP\_995) = 1 TMP\_996 = 1 not(TMP\_996) = 0 TMP\_997 = 1 not(TMP\_997) = 0 root1\_F91Atribute1 = 98 TMP\_998 = 0 not(TMP\_998) = 1 TMP\_999 = 0 not(TMP\_999) = 1 TMP\_1000 = 1 not(TMP\_1000) = 0 TMP\_1001 = 1 not(TMP\_1001) = 0 root1\_F91Atribute0 = 98 TMP\_1002 = 0 not(TMP\_1002) = 1 TMP\_1003 = 0 not(TMP\_1003) = 1 TMP\_1004 = 1 not(TMP\_1004) = 0 TMP\_1005 = 1 not(TMP\_1005) = 0 root1\_F92Atribute1 = 32 TMP\_1006 = 0 not(TMP\_1006) = 1 TMP\_1007 = 0 not(TMP\_1007) = 1 TMP\_1008 = 1 not(TMP\_1008) = 0 TMP\_1009 = 1 not(TMP\_1009) = 0 root1\_F92Atribute0 = 95 TMP\_1010 = 0 not(TMP\_1010) = 1 TMP\_1011 = 0 not(TMP\_1011) = 1 TMP\_1012 = 1 not(TMP\_1012) = 0 TMP\_1013 = 1 not(TMP\_1013) = 0 root1\_F93Atribute1 = 0 TMP\_1014 = 1 not(TMP\_1014) = 0 TMP\_1015 = 1 not(TMP\_1015) = 0 TMP\_1016 = 0 not(TMP\_1016) = 1 TMP\_1017 = 0 not(TMP\_1017) = 1 root1\_F93Atribute0 = 0 TMP\_1018 = 1 not(TMP\_1018) = 0 TMP\_1019 = 1 not(TMP\_1019) = 0 TMP\_1020 = 0 not(TMP\_1020) = 1 TMP\_1021 = 0 not(TMP\_1021) = 1 root1\_F94Atribute1 = 80 TMP\_1022 = 0 not(TMP\_1022) = 1 TMP\_1023 = 0 not(TMP\_1023) = 1 TMP\_1024 = 1 not(TMP\_1024) = 0 TMP\_1025 = 1 not(TMP\_1025) = 0 root1\_F94Atribute0 = 26 TMP\_1026 = 0 not(TMP\_1026) = 1 TMP\_1027 = 0 not(TMP\_1027) = 1 TMP\_1028 = 1 not(TMP\_1028) = 0 TMP\_1029 = 1 not(TMP\_1029) = 0 sumOrroot1\_F23 = 1 TMP\_1030 = 1 not(TMP\_1030) = 0 not(feature\_root1\_F23) = 0 TMP\_1031 = 0 not(TMP\_1031) = 1 sumOrroot1\_F64 = 1 TMP\_1032 = 1 not(TMP\_1032) = 0 not(feature\_root1\_F64) = 0 TMP\_1033 = 0 not(TMP\_1033) = 1 sumOrroot1\_F24 = 1 TMP\_1034 = 1 not(TMP\_1034) = 0 not(feature\_root1\_F24) = 0 TMP\_1035 = 0 not(TMP\_1035) = 1 sumOrroot1\_F24 = 1 TMP\_1036 = 1 not(TMP\_1036) = 0 TMP\_1037 = 0 not(TMP\_1037) = 1 sumOrroot1\_F73 = 3 TMP\_1038 = 1 not(TMP\_1038) = 0 not(feature\_root1\_F73) = 0 TMP\_1039 = 0 not(TMP\_1039) = 1 sumOrroot1\_F5 = 1 TMP\_1040 = 1 not(TMP\_1040) = 0 not(feature\_root1\_F5) = 0 TMP\_1041 = 0 not(TMP\_1041) = 1 sumOrroot1\_F12 = 0 TMP\_1042 = 0 not(TMP\_1042) = 1 not(feature\_root1\_F12) = 1 TMP\_1043 = 1 not(TMP\_1043) = 0 sumOrroot1\_F36 = 0 TMP\_1044 = 0 not(TMP\_1044) = 1 not(feature\_root1\_F36) = 1 TMP\_1045 = 1 not(TMP\_1045) = 0 sumOrroot1\_F34 = 0 TMP\_1046 = 0 not(TMP\_1046) = 1 not(feature\_root1\_F34) = 1 TMP\_1047 = 1 not(TMP\_1047) = 0 sumOrroot1\_F48 = 0 TMP\_1048 = 0 not(TMP\_1048) = 1 not(feature\_root1\_F48) = 1 TMP\_1049 = 1 not(TMP\_1049) = 0 sumOrroot1\_F112 = 0 TMP\_1050 = 0 not(TMP\_1050) = 1 not(feature\_root1\_F112) = 1 TMP\_1051 = 1 not(TMP\_1051) = 0 sumOrroot1\_F5 = 3 TMP\_1052 = 1 not(TMP\_1052) = 0 TMP\_1053 = 0 not(TMP\_1053) = 1 sumOrroot1\_F52 = 1 TMP\_1054 = 1 not(TMP\_1054) = 0 not(feature\_root1\_F52) = 0 TMP\_1055 = 0 not(TMP\_1055) = 1 sumOrroot1\_F7 = 1 TMP\_1056 = 1 not(TMP\_1056) = 0 not(feature\_root1\_F7) = 0 TMP\_1057 = 0 not(TMP\_1057) = 1 -(root1\_F60Atribute1) = -1 -(root1\_F61Atribute1) = -91 -(root1\_F62Atribute1) = -74 -(root1\_F63Atribute1) = -15 -(root1\_F65Atribute1) = -32 -(root1\_F66Atribute1) = -21 -(root1\_F67Atribute1) = 0 -(root1\_F68Atribute1) = 0 -(root1\_F69Atribute1) = -81 -(root1\_F70Atribute1) = 0 -(root1\_F71Atribute1) = -37 -(root1\_F72Atribute1) = 0 -(root1\_F74Atribute1) = -16 -(root1\_F75Atribute1) = 0 -(root1\_F76Atribute1) = -31 -(root1\_F78Atribute1) = -15 -(root1\_F79Atribute1) = 0 -(root1\_F138Atribute1) = 0 -(root1\_F139Atribute1) = 0 -(root1\_F147Atribute1) = 0 -(root1\_F148Atribute1) = 0 -(root1\_F145Atribute1) = 0 -(root1\_F41Atribute1) = 0 -(root1\_F146Atribute1) = 0 -(root1\_F143Atribute1) = 0 -(root1\_F144Atribute1) = 0 -(root1\_F43Atribute1) = 0 -(root1\_F141Atribute1) = 0 -(root1\_F44Atribute1) = 0 -(root1\_F142Atribute1) = 0 -(root1\_F45Atribute1) = 0 -(root1\_F46Atribute1) = 0 -(root1\_F140Atribute1) = 0 -(root1\_F47Atribute1) = 0 -(root1\_F49Atribute1) = 0 -(root1\_F149Atribute1) = 0 -(root1\_F158Atribute1) = 0 -(root1\_F159Atribute1) = 0 -(root1\_F50Atribute1) = 0 -(root1\_F156Atribute1) = -76 -(root1\_F157Atribute1) = -23 -(root1\_F154Atribute1) = 0 -(root1\_F54Atribute1) = -32 -(root1\_F155Atribute1) = -62 -(root1\_F55Atribute1) = -12 -(root1\_F152Atribute1) = 0 -(root1\_F56Atribute1) = 0 -(root1\_F153Atribute1) = -50 -(root1\_F150Atribute1) = 0 -(root1\_F58Atribute1) = -61 -(root1\_F151Atribute1) = 0 -(root1\_F59Atribute1) = -49 -(root1\_F118Atribute1) = 0 -(root1\_F119Atribute1) = 0 -(root1\_F116Atribute1) = 0 -(root1\_F117Atribute1) = 0 -(root1\_F125Atribute1) = 0 -(root1\_F126Atribute1) = 0 -(root1\_F123Atribute1) = 0 -(root1\_F124Atribute1) = 0 -(root1\_F20Atribute1) = -15 -(root1\_F121Atribute1) = 0 -(root1\_F122Atribute1) = 0 -(root1\_F22Atribute1) = -51 -(root1\_F120Atribute1) = 0 -(root1\_F25Atribute1) = -26 -(root1\_F27Atribute1) = 0 -(root1\_F28Atribute1) = 0 -(root1\_F29Atribute1) = 0 -(root1\_F6Atribute1) = -98 -(root1\_F9Atribute1) = -47 -(root1\_F8Atribute1) = 0 -(root1\_F2Atribute1) = -29 -(root1\_F4Atribute1) = -26 -(root1\_F129Atribute1) = 0 -(root1\_F127Atribute1) = 0 -(root1\_F128Atribute1) = 0 -(root1\_F136Atribute1) = 0 -(root1\_F137Atribute1) = 0 -(root1\_F134Atribute1) = 0 -(root1\_F30Atribute1) = 0 -(root1\_F135Atribute1) = -95 -(root1\_F132Atribute1) = -69 -(root1\_F31Atribute1) = 0 -(root1\_F133Atribute1) = -67 -(root1\_F130Atribute1) = 0 -(root1\_F33Atribute1) = 0 -(root1\_F131Atribute1) = 0 -(root1\_F35Atribute1) = 0 -(root1\_F37Atribute1) = 0 -(root1\_F38Atribute1) = 0 -(root1\_F39Atribute1) = 0 -(root1\_F80Atribute1) = -94 -(root1\_F82Atribute1) = -90 -(root1\_F103Atribute1) = -34 -(root1\_F83Atribute1) = -17 -(root1\_F104Atribute1) = -99 -(root1\_F84Atribute1) = -11 -(root1\_F101Atribute1) = -21 -(root1\_F102Atribute1) = -19 -(root1\_F86Atribute1) = 0 -(root1\_F100Atribute1) = -85 -(root1\_F87Atribute1) = 0 -(root1\_F88Atribute1) = -82 -(root1\_F89Atribute1) = 0 -(root1\_F109Atribute1) = 0 -(root1\_F107Atribute1) = -72 -(root1\_F108Atribute1) = -92 -(root1\_F90Atribute1) = -15 -(root1\_F105Atribute1) = -93 -(root1\_F91Atribute1) = -98 -(root1\_F106Atribute1) = -91 -(root1\_F92Atribute1) = -32 -(root1\_F114Atribute1) = 0 -(root1\_F93Atribute1) = 0 -(root1\_F94Atribute1) = -80 -(root1\_F96Atribute1) = 0 -(root1\_F113Atribute1) = 0 -(root1\_F97Atribute1) = 0 -(root1\_F110Atribute1) = 0 -(root1\_F10Atribute1) = -46 -(root1\_F11Atribute1) = 0 -(root1\_F99Atribute1) = 0 -(root1\_F13Atribute1) = 0 -(root1\_F15Atribute1) = -74 -(root1\_F16Atribute1) = -17 -(root1\_F17Atribute1) = 0 -(root1\_F18Atribute1) = -15 -(root1\_F19Atribute1) = -72 totalAtribute0 = 2759 totalAtribute1 = -2651 .

- Solution #9 found. Solver[Solver-0], 9 Solutions, Resolution time 0.232s, 47 Nodes (203.0 n/s), 16 Backtracks, 1 Fails, 0 Restarts

feature\_root1\_F1 = 1 feature\_root1\_F18 = 1 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 1 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 1 feature\_root1\_F75 = 0 feature\_root1\_F76 = 1 feature\_root1\_F77 = 1 feature\_root1\_F118 = 0 feature\_root1\_F78 = 1 feature\_root1\_F79 = 0 feature\_root1\_F80 = 1 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 1 feature\_root1\_F83 = 1 feature\_root1\_F84 = 1 feature\_root1\_F65 = 1 feature\_root1\_F66 = 1 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 1 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 1 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 0 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 0 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 0 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 0 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 15 TMP\_0 = 0 not(TMP\_0) = 1 TMP\_1 = 0 not(TMP\_1) = 1 TMP\_2 = 1 not(TMP\_2) = 0 TMP\_3 = 1 not(TMP\_3) = 0 root1\_F18Atribute0 = 86 TMP\_4 = 0 not(TMP\_4) = 1 TMP\_5 = 0 not(TMP\_5) = 1 TMP\_6 = 1 not(TMP\_6) = 0 TMP\_7 = 1 not(TMP\_7) = 0 root1\_F19Atribute1 = 72 TMP\_8 = 0 not(TMP\_8) = 1 TMP\_9 = 0 not(TMP\_9) = 1 TMP\_10 = 1 not(TMP\_10) = 0 TMP\_11 = 1 not(TMP\_11) = 0 root1\_F19Atribute0 = 64 TMP\_12 = 0 not(TMP\_12) = 1 TMP\_13 = 0 not(TMP\_13) = 1 TMP\_14 = 1 not(TMP\_14) = 0 TMP\_15 = 1 not(TMP\_15) = 0 root1\_F20Atribute1 = 15 TMP\_16 = 0 not(TMP\_16) = 1 TMP\_17 = 0 not(TMP\_17) = 1 TMP\_18 = 1 not(TMP\_18) = 0 TMP\_19 = 1 not(TMP\_19) = 0 root1\_F20Atribute0 = 61 TMP\_20 = 0 not(TMP\_20) = 1 TMP\_21 = 0 not(TMP\_21) = 1 TMP\_22 = 1 not(TMP\_22) = 0 TMP\_23 = 1 not(TMP\_23) = 0 root1\_F140Atribute1 = 0 TMP\_24 = 1 not(TMP\_24) = 0 TMP\_25 = 1 not(TMP\_25) = 0 TMP\_26 = 0 not(TMP\_26) = 1 TMP\_27 = 0 not(TMP\_27) = 1 root1\_F140Atribute0 = 0 TMP\_28 = 1 not(TMP\_28) = 0 TMP\_29 = 1 not(TMP\_29) = 0 TMP\_30 = 0 not(TMP\_30) = 1 TMP\_31 = 0 not(TMP\_31) = 1 root1\_F141Atribute1 = 0 TMP\_32 = 1 not(TMP\_32) = 0 TMP\_33 = 1 not(TMP\_33) = 0 TMP\_34 = 0 not(TMP\_34) = 1 TMP\_35 = 0 not(TMP\_35) = 1 root1\_F141Atribute0 = 0 TMP\_36 = 1 not(TMP\_36) = 0 TMP\_37 = 1 not(TMP\_37) = 0 TMP\_38 = 0 not(TMP\_38) = 1 TMP\_39 = 0 not(TMP\_39) = 1 root1\_F142Atribute1 = 0 TMP\_40 = 1 not(TMP\_40) = 0 TMP\_41 = 1 not(TMP\_41) = 0 TMP\_42 = 0 not(TMP\_42) = 1 TMP\_43 = 0 not(TMP\_43) = 1 root1\_F142Atribute0 = 0 TMP\_44 = 1 not(TMP\_44) = 0 TMP\_45 = 1 not(TMP\_45) = 0 TMP\_46 = 0 not(TMP\_46) = 1 TMP\_47 = 0 not(TMP\_47) = 1 root1\_F143Atribute1 = 0 TMP\_48 = 1 not(TMP\_48) = 0 TMP\_49 = 1 not(TMP\_49) = 0 TMP\_50 = 0 not(TMP\_50) = 1 TMP\_51 = 0 not(TMP\_51) = 1 root1\_F143Atribute0 = 0 TMP\_52 = 1 not(TMP\_52) = 0 TMP\_53 = 1 not(TMP\_53) = 0 TMP\_54 = 0 not(TMP\_54) = 1 TMP\_55 = 0 not(TMP\_55) = 1 root1\_F144Atribute1 = 0 TMP\_56 = 1 not(TMP\_56) = 0 TMP\_57 = 1 not(TMP\_57) = 0 TMP\_58 = 0 not(TMP\_58) = 1 TMP\_59 = 0 not(TMP\_59) = 1 root1\_F144Atribute0 = 0 TMP\_60 = 1 not(TMP\_60) = 0 TMP\_61 = 1 not(TMP\_61) = 0 TMP\_62 = 0 not(TMP\_62) = 1 TMP\_63 = 0 not(TMP\_63) = 1 root1\_F22Atribute1 = 51 TMP\_64 = 0 not(TMP\_64) = 1 TMP\_65 = 0 not(TMP\_65) = 1 TMP\_66 = 1 not(TMP\_66) = 0 TMP\_67 = 1 not(TMP\_67) = 0 root1\_F22Atribute0 = 69 TMP\_68 = 0 not(TMP\_68) = 1 TMP\_69 = 0 not(TMP\_69) = 1 TMP\_70 = 1 not(TMP\_70) = 0 TMP\_71 = 1 not(TMP\_71) = 0 root1\_F54Atribute1 = 32 TMP\_72 = 0 not(TMP\_72) = 1 TMP\_73 = 0 not(TMP\_73) = 1 TMP\_74 = 1 not(TMP\_74) = 0 TMP\_75 = 1 not(TMP\_75) = 0 root1\_F54Atribute0 = 96 TMP\_76 = 0 not(TMP\_76) = 1 TMP\_77 = 0 not(TMP\_77) = 1 TMP\_78 = 1 not(TMP\_78) = 0 TMP\_79 = 1 not(TMP\_79) = 0 root1\_F55Atribute1 = 12 TMP\_80 = 0 not(TMP\_80) = 1 TMP\_81 = 0 not(TMP\_81) = 1 TMP\_82 = 1 not(TMP\_82) = 0 TMP\_83 = 1 not(TMP\_83) = 0 root1\_F55Atribute0 = 76 TMP\_84 = 0 not(TMP\_84) = 1 TMP\_85 = 0 not(TMP\_85) = 1 TMP\_86 = 1 not(TMP\_86) = 0 TMP\_87 = 1 not(TMP\_87) = 0 root1\_F56Atribute1 = 0 TMP\_88 = 1 not(TMP\_88) = 0 TMP\_89 = 1 not(TMP\_89) = 0 TMP\_90 = 0 not(TMP\_90) = 1 TMP\_91 = 0 not(TMP\_91) = 1 root1\_F56Atribute0 = 0 TMP\_92 = 1 not(TMP\_92) = 0 TMP\_93 = 1 not(TMP\_93) = 0 TMP\_94 = 0 not(TMP\_94) = 1 TMP\_95 = 0 not(TMP\_95) = 1 root1\_F132Atribute1 = 69 TMP\_96 = 0 not(TMP\_96) = 1 TMP\_97 = 0 not(TMP\_97) = 1 TMP\_98 = 1 not(TMP\_98) = 0 TMP\_99 = 1 not(TMP\_99) = 0 root1\_F132Atribute0 = 61 TMP\_100 = 0 not(TMP\_100) = 1 TMP\_101 = 0 not(TMP\_101) = 1 TMP\_102 = 1 not(TMP\_102) = 0 TMP\_103 = 1 not(TMP\_103) = 0 root1\_F58Atribute1 = 61 TMP\_104 = 0 not(TMP\_104) = 1 TMP\_105 = 0 not(TMP\_105) = 1 TMP\_106 = 1 not(TMP\_106) = 0 TMP\_107 = 1 not(TMP\_107) = 0 root1\_F58Atribute0 = 39 TMP\_108 = 0 not(TMP\_108) = 1 TMP\_109 = 0 not(TMP\_109) = 1 TMP\_110 = 1 not(TMP\_110) = 0 TMP\_111 = 1 not(TMP\_111) = 0 root1\_F59Atribute1 = 49 TMP\_112 = 0 not(TMP\_112) = 1 TMP\_113 = 0 not(TMP\_113) = 1 TMP\_114 = 1 not(TMP\_114) = 0 TMP\_115 = 1 not(TMP\_115) = 0 root1\_F59Atribute0 = 93 TMP\_116 = 0 not(TMP\_116) = 1 TMP\_117 = 0 not(TMP\_117) = 1 TMP\_118 = 1 not(TMP\_118) = 0 TMP\_119 = 1 not(TMP\_119) = 0 root1\_F60Atribute1 = 1 TMP\_120 = 0 not(TMP\_120) = 1 TMP\_121 = 0 not(TMP\_121) = 1 TMP\_122 = 1 not(TMP\_122) = 0 TMP\_123 = 1 not(TMP\_123) = 0 root1\_F60Atribute0 = 44 TMP\_124 = 0 not(TMP\_124) = 1 TMP\_125 = 0 not(TMP\_125) = 1 TMP\_126 = 1 not(TMP\_126) = 0 TMP\_127 = 1 not(TMP\_127) = 0 root1\_F61Atribute1 = 91 TMP\_128 = 0 not(TMP\_128) = 1 TMP\_129 = 0 not(TMP\_129) = 1 TMP\_130 = 1 not(TMP\_130) = 0 TMP\_131 = 1 not(TMP\_131) = 0 root1\_F61Atribute0 = 65 TMP\_132 = 0 not(TMP\_132) = 1 TMP\_133 = 0 not(TMP\_133) = 1 TMP\_134 = 1 not(TMP\_134) = 0 TMP\_135 = 1 not(TMP\_135) = 0 root1\_F62Atribute1 = 74 TMP\_136 = 0 not(TMP\_136) = 1 TMP\_137 = 0 not(TMP\_137) = 1 TMP\_138 = 1 not(TMP\_138) = 0 TMP\_139 = 1 not(TMP\_139) = 0 root1\_F62Atribute0 = 47 TMP\_140 = 0 not(TMP\_140) = 1 TMP\_141 = 0 not(TMP\_141) = 1 TMP\_142 = 1 not(TMP\_142) = 0 TMP\_143 = 1 not(TMP\_143) = 0 root1\_F63Atribute1 = 15 TMP\_144 = 0 not(TMP\_144) = 1 TMP\_145 = 0 not(TMP\_145) = 1 TMP\_146 = 1 not(TMP\_146) = 0 TMP\_147 = 1 not(TMP\_147) = 0 root1\_F63Atribute0 = 27 TMP\_148 = 0 not(TMP\_148) = 1 TMP\_149 = 0 not(TMP\_149) = 1 TMP\_150 = 1 not(TMP\_150) = 0 TMP\_151 = 1 not(TMP\_151) = 0 root1\_F75Atribute1 = 0 TMP\_152 = 1 not(TMP\_152) = 0 TMP\_153 = 1 not(TMP\_153) = 0 TMP\_154 = 0 not(TMP\_154) = 1 TMP\_155 = 0 not(TMP\_155) = 1 root1\_F75Atribute0 = 0 TMP\_156 = 1 not(TMP\_156) = 0 TMP\_157 = 1 not(TMP\_157) = 0 TMP\_158 = 0 not(TMP\_158) = 1 TMP\_159 = 0 not(TMP\_159) = 1 root1\_F76Atribute1 = 31 TMP\_160 = 0 not(TMP\_160) = 1 TMP\_161 = 0 not(TMP\_161) = 1 TMP\_162 = 1 not(TMP\_162) = 0 TMP\_163 = 1 not(TMP\_163) = 0 root1\_F76Atribute0 = 62 TMP\_164 = 0 not(TMP\_164) = 1 TMP\_165 = 0 not(TMP\_165) = 1 TMP\_166 = 1 not(TMP\_166) = 0 TMP\_167 = 1 not(TMP\_167) = 0 root1\_F118Atribute1 = 0 TMP\_168 = 1 not(TMP\_168) = 0 TMP\_169 = 1 not(TMP\_169) = 0 TMP\_170 = 0 not(TMP\_170) = 1 TMP\_171 = 0 not(TMP\_171) = 1 root1\_F118Atribute0 = 0 TMP\_172 = 1 not(TMP\_172) = 0 TMP\_173 = 1 not(TMP\_173) = 0 TMP\_174 = 0 not(TMP\_174) = 1 TMP\_175 = 0 not(TMP\_175) = 1 root1\_F78Atribute1 = 15 TMP\_176 = 0 not(TMP\_176) = 1 TMP\_177 = 0 not(TMP\_177) = 1 TMP\_178 = 1 not(TMP\_178) = 0 TMP\_179 = 1 not(TMP\_179) = 0 root1\_F78Atribute0 = 75 TMP\_180 = 0 not(TMP\_180) = 1 TMP\_181 = 0 not(TMP\_181) = 1 TMP\_182 = 1 not(TMP\_182) = 0 TMP\_183 = 1 not(TMP\_183) = 0 root1\_F79Atribute1 = 0 TMP\_184 = 1 not(TMP\_184) = 0 TMP\_185 = 1 not(TMP\_185) = 0 TMP\_186 = 0 not(TMP\_186) = 1 TMP\_187 = 0 not(TMP\_187) = 1 root1\_F79Atribute0 = 0 TMP\_188 = 1 not(TMP\_188) = 0 TMP\_189 = 1 not(TMP\_189) = 0 TMP\_190 = 0 not(TMP\_190) = 1 TMP\_191 = 0 not(TMP\_191) = 1 root1\_F80Atribute1 = 94 TMP\_192 = 0 not(TMP\_192) = 1 TMP\_193 = 0 not(TMP\_193) = 1 TMP\_194 = 1 not(TMP\_194) = 0 TMP\_195 = 1 not(TMP\_195) = 0 root1\_F80Atribute0 = 1 TMP\_196 = 0 not(TMP\_196) = 1 TMP\_197 = 0 not(TMP\_197) = 1 TMP\_198 = 1 not(TMP\_198) = 0 TMP\_199 = 1 not(TMP\_199) = 0 root1\_F124Atribute1 = 0 TMP\_200 = 1 not(TMP\_200) = 0 TMP\_201 = 1 not(TMP\_201) = 0 TMP\_202 = 0 not(TMP\_202) = 1 TMP\_203 = 0 not(TMP\_203) = 1 root1\_F124Atribute0 = 0 TMP\_204 = 1 not(TMP\_204) = 0 TMP\_205 = 1 not(TMP\_205) = 0 TMP\_206 = 0 not(TMP\_206) = 1 TMP\_207 = 0 not(TMP\_207) = 1 root1\_F125Atribute1 = 0 TMP\_208 = 1 not(TMP\_208) = 0 TMP\_209 = 1 not(TMP\_209) = 0 TMP\_210 = 0 not(TMP\_210) = 1 TMP\_211 = 0 not(TMP\_211) = 1 root1\_F125Atribute0 = 0 TMP\_212 = 1 not(TMP\_212) = 0 TMP\_213 = 1 not(TMP\_213) = 0 TMP\_214 = 0 not(TMP\_214) = 1 TMP\_215 = 0 not(TMP\_215) = 1 root1\_F126Atribute1 = 0 TMP\_216 = 1 not(TMP\_216) = 0 TMP\_217 = 1 not(TMP\_217) = 0 TMP\_218 = 0 not(TMP\_218) = 1 TMP\_219 = 0 not(TMP\_219) = 1 root1\_F126Atribute0 = 0 TMP\_220 = 1 not(TMP\_220) = 0 TMP\_221 = 1 not(TMP\_221) = 0 TMP\_222 = 0 not(TMP\_222) = 1 TMP\_223 = 0 not(TMP\_223) = 1 root1\_F127Atribute1 = 0 TMP\_224 = 1 not(TMP\_224) = 0 TMP\_225 = 1 not(TMP\_225) = 0 TMP\_226 = 0 not(TMP\_226) = 1 TMP\_227 = 0 not(TMP\_227) = 1 root1\_F127Atribute0 = 0 TMP\_228 = 1 not(TMP\_228) = 0 TMP\_229 = 1 not(TMP\_229) = 0 TMP\_230 = 0 not(TMP\_230) = 1 TMP\_231 = 0 not(TMP\_231) = 1 root1\_F128Atribute1 = 0 TMP\_232 = 1 not(TMP\_232) = 0 TMP\_233 = 1 not(TMP\_233) = 0 TMP\_234 = 0 not(TMP\_234) = 1 TMP\_235 = 0 not(TMP\_235) = 1 root1\_F128Atribute0 = 0 TMP\_236 = 1 not(TMP\_236) = 0 TMP\_237 = 1 not(TMP\_237) = 0 TMP\_238 = 0 not(TMP\_238) = 1 TMP\_239 = 0 not(TMP\_239) = 1 root1\_F129Atribute1 = 0 TMP\_240 = 1 not(TMP\_240) = 0 TMP\_241 = 1 not(TMP\_241) = 0 TMP\_242 = 0 not(TMP\_242) = 1 TMP\_243 = 0 not(TMP\_243) = 1 root1\_F129Atribute0 = 0 TMP\_244 = 1 not(TMP\_244) = 0 TMP\_245 = 1 not(TMP\_245) = 0 TMP\_246 = 0 not(TMP\_246) = 1 TMP\_247 = 0 not(TMP\_247) = 1 root1\_F130Atribute1 = 0 TMP\_248 = 1 not(TMP\_248) = 0 TMP\_249 = 1 not(TMP\_249) = 0 TMP\_250 = 0 not(TMP\_250) = 1 TMP\_251 = 0 not(TMP\_251) = 1 root1\_F130Atribute0 = 0 TMP\_252 = 1 not(TMP\_252) = 0 TMP\_253 = 1 not(TMP\_253) = 0 TMP\_254 = 0 not(TMP\_254) = 1 TMP\_255 = 0 not(TMP\_255) = 1 root1\_F131Atribute1 = 0 TMP\_256 = 1 not(TMP\_256) = 0 TMP\_257 = 1 not(TMP\_257) = 0 TMP\_258 = 0 not(TMP\_258) = 1 TMP\_259 = 0 not(TMP\_259) = 1 root1\_F131Atribute0 = 0 TMP\_260 = 1 not(TMP\_260) = 0 TMP\_261 = 1 not(TMP\_261) = 0 TMP\_262 = 0 not(TMP\_262) = 1 TMP\_263 = 0 not(TMP\_263) = 1 root1\_F86Atribute1 = 0 TMP\_264 = 1 not(TMP\_264) = 0 TMP\_265 = 1 not(TMP\_265) = 0 TMP\_266 = 0 not(TMP\_266) = 1 TMP\_267 = 0 not(TMP\_267) = 1 root1\_F86Atribute0 = 0 TMP\_268 = 1 not(TMP\_268) = 0 TMP\_269 = 1 not(TMP\_269) = 0 TMP\_270 = 0 not(TMP\_270) = 1 TMP\_271 = 0 not(TMP\_271) = 1 root1\_F82Atribute1 = 90 TMP\_272 = 0 not(TMP\_272) = 1 TMP\_273 = 0 not(TMP\_273) = 1 TMP\_274 = 1 not(TMP\_274) = 0 TMP\_275 = 1 not(TMP\_275) = 0 root1\_F82Atribute0 = 41 TMP\_276 = 0 not(TMP\_276) = 1 TMP\_277 = 0 not(TMP\_277) = 1 TMP\_278 = 1 not(TMP\_278) = 0 TMP\_279 = 1 not(TMP\_279) = 0 root1\_F83Atribute1 = 17 TMP\_280 = 0 not(TMP\_280) = 1 TMP\_281 = 0 not(TMP\_281) = 1 TMP\_282 = 1 not(TMP\_282) = 0 TMP\_283 = 1 not(TMP\_283) = 0 root1\_F83Atribute0 = 25 TMP\_284 = 0 not(TMP\_284) = 1 TMP\_285 = 0 not(TMP\_285) = 1 TMP\_286 = 1 not(TMP\_286) = 0 TMP\_287 = 1 not(TMP\_287) = 0 root1\_F84Atribute1 = 11 TMP\_288 = 0 not(TMP\_288) = 1 TMP\_289 = 0 not(TMP\_289) = 1 TMP\_290 = 1 not(TMP\_290) = 0 TMP\_291 = 1 not(TMP\_291) = 0 root1\_F84Atribute0 = 68 TMP\_292 = 0 not(TMP\_292) = 1 TMP\_293 = 0 not(TMP\_293) = 1 TMP\_294 = 1 not(TMP\_294) = 0 TMP\_295 = 1 not(TMP\_295) = 0 root1\_F65Atribute1 = 32 TMP\_296 = 0 not(TMP\_296) = 1 TMP\_297 = 0 not(TMP\_297) = 1 TMP\_298 = 1 not(TMP\_298) = 0 TMP\_299 = 1 not(TMP\_299) = 0 root1\_F65Atribute0 = 80 TMP\_300 = 0 not(TMP\_300) = 1 TMP\_301 = 0 not(TMP\_301) = 1 TMP\_302 = 1 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TMP\_811 = 1 not(TMP\_811) = 0 TMP\_812 = 0 not(TMP\_812) = 1 TMP\_813 = 0 not(TMP\_813) = 1 root1\_F117Atribute1 = 0 TMP\_814 = 1 not(TMP\_814) = 0 TMP\_815 = 1 not(TMP\_815) = 0 TMP\_816 = 0 not(TMP\_816) = 1 TMP\_817 = 0 not(TMP\_817) = 1 root1\_F117Atribute0 = 0 TMP\_818 = 1 not(TMP\_818) = 0 TMP\_819 = 1 not(TMP\_819) = 0 TMP\_820 = 0 not(TMP\_820) = 1 TMP\_821 = 0 not(TMP\_821) = 1 root1\_F49Atribute1 = 0 TMP\_822 = 1 not(TMP\_822) = 0 TMP\_823 = 1 not(TMP\_823) = 0 TMP\_824 = 0 not(TMP\_824) = 1 TMP\_825 = 0 not(TMP\_825) = 1 root1\_F49Atribute0 = 0 TMP\_826 = 1 not(TMP\_826) = 0 TMP\_827 = 1 not(TMP\_827) = 0 TMP\_828 = 0 not(TMP\_828) = 1 TMP\_829 = 0 not(TMP\_829) = 1 root1\_F43Atribute1 = 0 TMP\_830 = 1 not(TMP\_830) = 0 TMP\_831 = 1 not(TMP\_831) = 0 TMP\_832 = 0 not(TMP\_832) = 1 TMP\_833 = 0 not(TMP\_833) = 1 root1\_F43Atribute0 = 0 TMP\_834 = 1 not(TMP\_834) = 0 TMP\_835 = 1 not(TMP\_835) = 0 TMP\_836 = 0 not(TMP\_836) = 1 TMP\_837 = 0 not(TMP\_837) = 1 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= 1 TMP\_865 = 0 not(TMP\_865) = 1 root1\_F13Atribute0 = 0 TMP\_866 = 1 not(TMP\_866) = 0 TMP\_867 = 1 not(TMP\_867) = 0 TMP\_868 = 0 not(TMP\_868) = 1 TMP\_869 = 0 not(TMP\_869) = 1 root1\_F50Atribute1 = 0 TMP\_870 = 1 not(TMP\_870) = 0 TMP\_871 = 1 not(TMP\_871) = 0 TMP\_872 = 0 not(TMP\_872) = 1 TMP\_873 = 0 not(TMP\_873) = 1 root1\_F50Atribute0 = 0 TMP\_874 = 1 not(TMP\_874) = 0 TMP\_875 = 1 not(TMP\_875) = 0 TMP\_876 = 0 not(TMP\_876) = 1 TMP\_877 = 0 not(TMP\_877) = 1 root1\_F153Atribute1 = 50 TMP\_878 = 0 not(TMP\_878) = 1 TMP\_879 = 0 not(TMP\_879) = 1 TMP\_880 = 1 not(TMP\_880) = 0 TMP\_881 = 1 not(TMP\_881) = 0 root1\_F153Atribute0 = 88 TMP\_882 = 0 not(TMP\_882) = 1 TMP\_883 = 0 not(TMP\_883) = 1 TMP\_884 = 1 not(TMP\_884) = 0 TMP\_885 = 1 not(TMP\_885) = 0 root1\_F154Atribute1 = 0 TMP\_886 = 1 not(TMP\_886) = 0 TMP\_887 = 1 not(TMP\_887) = 0 TMP\_888 = 0 not(TMP\_888) = 1 TMP\_889 = 0 not(TMP\_889) = 1 root1\_F154Atribute0 = 0 TMP\_890 = 1 not(TMP\_890) = 0 TMP\_891 = 1 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= 67 TMP\_918 = 0 not(TMP\_918) = 1 TMP\_919 = 0 not(TMP\_919) = 1 TMP\_920 = 1 not(TMP\_920) = 0 TMP\_921 = 1 not(TMP\_921) = 0 root1\_F133Atribute0 = 26 TMP\_922 = 0 not(TMP\_922) = 1 TMP\_923 = 0 not(TMP\_923) = 1 TMP\_924 = 1 not(TMP\_924) = 0 TMP\_925 = 1 not(TMP\_925) = 0 root1\_F134Atribute1 = 0 TMP\_926 = 1 not(TMP\_926) = 0 TMP\_927 = 1 not(TMP\_927) = 0 TMP\_928 = 0 not(TMP\_928) = 1 TMP\_929 = 0 not(TMP\_929) = 1 root1\_F134Atribute0 = 0 TMP\_930 = 1 not(TMP\_930) = 0 TMP\_931 = 1 not(TMP\_931) = 0 TMP\_932 = 0 not(TMP\_932) = 1 TMP\_933 = 0 not(TMP\_933) = 1 root1\_F135Atribute1 = 95 TMP\_934 = 0 not(TMP\_934) = 1 TMP\_935 = 0 not(TMP\_935) = 1 TMP\_936 = 1 not(TMP\_936) = 0 TMP\_937 = 1 not(TMP\_937) = 0 root1\_F135Atribute0 = 68 TMP\_938 = 0 not(TMP\_938) = 1 TMP\_939 = 0 not(TMP\_939) = 1 TMP\_940 = 1 not(TMP\_940) = 0 TMP\_941 = 1 not(TMP\_941) = 0 root1\_F15Atribute1 = 74 TMP\_942 = 0 not(TMP\_942) = 1 TMP\_943 = 0 not(TMP\_943) = 1 TMP\_944 = 1 not(TMP\_944) = 0 TMP\_945 = 1 not(TMP\_945) = 0 root1\_F15Atribute0 = 78 TMP\_946 = 0 not(TMP\_946) = 1 TMP\_947 = 0 not(TMP\_947) = 1 TMP\_948 = 1 not(TMP\_948) = 0 TMP\_949 = 1 not(TMP\_949) = 0 root1\_F16Atribute1 = 17 TMP\_950 = 0 not(TMP\_950) = 1 TMP\_951 = 0 not(TMP\_951) = 1 TMP\_952 = 1 not(TMP\_952) = 0 TMP\_953 = 1 not(TMP\_953) = 0 root1\_F16Atribute0 = 66 TMP\_954 = 0 not(TMP\_954) = 1 TMP\_955 = 0 not(TMP\_955) = 1 TMP\_956 = 1 not(TMP\_956) = 0 TMP\_957 = 1 not(TMP\_957) = 0 root1\_F17Atribute1 = 0 TMP\_958 = 1 not(TMP\_958) = 0 TMP\_959 = 1 not(TMP\_959) = 0 TMP\_960 = 0 not(TMP\_960) = 1 TMP\_961 = 0 not(TMP\_961) = 1 root1\_F17Atribute0 = 0 TMP\_962 = 1 not(TMP\_962) = 0 TMP\_963 = 1 not(TMP\_963) = 0 TMP\_964 = 0 not(TMP\_964) = 1 TMP\_965 = 0 not(TMP\_965) = 1 root1\_F6Atribute1 = 98 TMP\_966 = 0 not(TMP\_966) = 1 TMP\_967 = 0 not(TMP\_967) = 1 TMP\_968 = 1 not(TMP\_968) = 0 TMP\_969 = 1 not(TMP\_969) = 0 root1\_F6Atribute0 = 44 TMP\_970 = 0 not(TMP\_970) = 1 TMP\_971 = 0 not(TMP\_971) = 1 TMP\_972 = 1 not(TMP\_972) = 0 TMP\_973 = 1 not(TMP\_973) = 0 root1\_F88Atribute1 = 82 TMP\_974 = 0 not(TMP\_974) = 1 TMP\_975 = 0 not(TMP\_975) = 1 TMP\_976 = 1 not(TMP\_976) = 0 TMP\_977 = 1 not(TMP\_977) = 0 root1\_F88Atribute0 = 30 TMP\_978 = 0 not(TMP\_978) = 1 TMP\_979 = 0 not(TMP\_979) = 1 TMP\_980 = 1 not(TMP\_980) = 0 TMP\_981 = 1 not(TMP\_981) = 0 root1\_F89Atribute1 = 0 TMP\_982 = 1 not(TMP\_982) = 0 TMP\_983 = 1 not(TMP\_983) = 0 TMP\_984 = 0 not(TMP\_984) = 1 TMP\_985 = 0 not(TMP\_985) = 1 root1\_F89Atribute0 = 0 TMP\_986 = 1 not(TMP\_986) = 0 TMP\_987 = 1 not(TMP\_987) = 0 TMP\_988 = 0 not(TMP\_988) = 1 TMP\_989 = 0 not(TMP\_989) = 1 root1\_F90Atribute1 = 15 TMP\_990 = 0 not(TMP\_990) = 1 TMP\_991 = 0 not(TMP\_991) = 1 TMP\_992 = 1 not(TMP\_992) = 0 TMP\_993 = 1 not(TMP\_993) = 0 root1\_F90Atribute0 = 14 TMP\_994 = 0 not(TMP\_994) = 1 TMP\_995 = 0 not(TMP\_995) = 1 TMP\_996 = 1 not(TMP\_996) = 0 TMP\_997 = 1 not(TMP\_997) = 0 root1\_F91Atribute1 = 98 TMP\_998 = 0 not(TMP\_998) = 1 TMP\_999 = 0 not(TMP\_999) = 1 TMP\_1000 = 1 not(TMP\_1000) = 0 TMP\_1001 = 1 not(TMP\_1001) = 0 root1\_F91Atribute0 = 98 TMP\_1002 = 0 not(TMP\_1002) = 1 TMP\_1003 = 0 not(TMP\_1003) = 1 TMP\_1004 = 1 not(TMP\_1004) = 0 TMP\_1005 = 1 not(TMP\_1005) = 0 root1\_F92Atribute1 = 32 TMP\_1006 = 0 not(TMP\_1006) = 1 TMP\_1007 = 0 not(TMP\_1007) = 1 TMP\_1008 = 1 not(TMP\_1008) = 0 TMP\_1009 = 1 not(TMP\_1009) = 0 root1\_F92Atribute0 = 95 TMP\_1010 = 0 not(TMP\_1010) = 1 TMP\_1011 = 0 not(TMP\_1011) = 1 TMP\_1012 = 1 not(TMP\_1012) = 0 TMP\_1013 = 1 not(TMP\_1013) = 0 root1\_F93Atribute1 = 7 TMP\_1014 = 0 not(TMP\_1014) = 1 TMP\_1015 = 0 not(TMP\_1015) = 1 TMP\_1016 = 1 not(TMP\_1016) = 0 TMP\_1017 = 1 not(TMP\_1017) = 0 root1\_F93Atribute0 = 30 TMP\_1018 = 0 not(TMP\_1018) = 1 TMP\_1019 = 0 not(TMP\_1019) = 1 TMP\_1020 = 1 not(TMP\_1020) = 0 TMP\_1021 = 1 not(TMP\_1021) = 0 root1\_F94Atribute1 = 80 TMP\_1022 = 0 not(TMP\_1022) = 1 TMP\_1023 = 0 not(TMP\_1023) = 1 TMP\_1024 = 1 not(TMP\_1024) = 0 TMP\_1025 = 1 not(TMP\_1025) = 0 root1\_F94Atribute0 = 26 TMP\_1026 = 0 not(TMP\_1026) = 1 TMP\_1027 = 0 not(TMP\_1027) = 1 TMP\_1028 = 1 not(TMP\_1028) = 0 TMP\_1029 = 1 not(TMP\_1029) = 0 sumOrroot1\_F23 = 1 TMP\_1030 = 1 not(TMP\_1030) = 0 not(feature\_root1\_F23) = 0 TMP\_1031 = 0 not(TMP\_1031) = 1 sumOrroot1\_F64 = 1 TMP\_1032 = 1 not(TMP\_1032) = 0 not(feature\_root1\_F64) = 0 TMP\_1033 = 0 not(TMP\_1033) = 1 sumOrroot1\_F24 = 1 TMP\_1034 = 1 not(TMP\_1034) = 0 not(feature\_root1\_F24) = 0 TMP\_1035 = 0 not(TMP\_1035) = 1 sumOrroot1\_F24 = 1 TMP\_1036 = 1 not(TMP\_1036) = 0 TMP\_1037 = 0 not(TMP\_1037) = 1 sumOrroot1\_F73 = 3 TMP\_1038 = 1 not(TMP\_1038) = 0 not(feature\_root1\_F73) = 0 TMP\_1039 = 0 not(TMP\_1039) = 1 sumOrroot1\_F5 = 1 TMP\_1040 = 1 not(TMP\_1040) = 0 not(feature\_root1\_F5) = 0 TMP\_1041 = 0 not(TMP\_1041) = 1 sumOrroot1\_F12 = 0 TMP\_1042 = 0 not(TMP\_1042) = 1 not(feature\_root1\_F12) = 1 TMP\_1043 = 1 not(TMP\_1043) = 0 sumOrroot1\_F36 = 0 TMP\_1044 = 0 not(TMP\_1044) = 1 not(feature\_root1\_F36) = 1 TMP\_1045 = 1 not(TMP\_1045) = 0 sumOrroot1\_F34 = 0 TMP\_1046 = 0 not(TMP\_1046) = 1 not(feature\_root1\_F34) = 1 TMP\_1047 = 1 not(TMP\_1047) = 0 sumOrroot1\_F48 = 0 TMP\_1048 = 0 not(TMP\_1048) = 1 not(feature\_root1\_F48) = 1 TMP\_1049 = 1 not(TMP\_1049) = 0 sumOrroot1\_F112 = 0 TMP\_1050 = 0 not(TMP\_1050) = 1 not(feature\_root1\_F112) = 1 TMP\_1051 = 1 not(TMP\_1051) = 0 sumOrroot1\_F5 = 3 TMP\_1052 = 1 not(TMP\_1052) = 0 TMP\_1053 = 0 not(TMP\_1053) = 1 sumOrroot1\_F52 = 1 TMP\_1054 = 1 not(TMP\_1054) = 0 not(feature\_root1\_F52) = 0 TMP\_1055 = 0 not(TMP\_1055) = 1 sumOrroot1\_F7 = 2 TMP\_1056 = 1 not(TMP\_1056) = 0 not(feature\_root1\_F7) = 0 TMP\_1057 = 0 not(TMP\_1057) = 1 -(root1\_F60Atribute1) = -1 -(root1\_F61Atribute1) = -91 -(root1\_F62Atribute1) = -74 -(root1\_F63Atribute1) = -15 -(root1\_F65Atribute1) = -32 -(root1\_F66Atribute1) = -21 -(root1\_F67Atribute1) = 0 -(root1\_F68Atribute1) = 0 -(root1\_F69Atribute1) = -81 -(root1\_F70Atribute1) = 0 -(root1\_F71Atribute1) = -37 -(root1\_F72Atribute1) = 0 -(root1\_F74Atribute1) = -16 -(root1\_F75Atribute1) = 0 -(root1\_F76Atribute1) = -31 -(root1\_F78Atribute1) = -15 -(root1\_F79Atribute1) = 0 -(root1\_F138Atribute1) = 0 -(root1\_F139Atribute1) = 0 -(root1\_F147Atribute1) = 0 -(root1\_F148Atribute1) = 0 -(root1\_F145Atribute1) = 0 -(root1\_F41Atribute1) = 0 -(root1\_F146Atribute1) = 0 -(root1\_F143Atribute1) = 0 -(root1\_F144Atribute1) = 0 -(root1\_F43Atribute1) = 0 -(root1\_F141Atribute1) = 0 -(root1\_F44Atribute1) = 0 -(root1\_F142Atribute1) = 0 -(root1\_F45Atribute1) = 0 -(root1\_F46Atribute1) = 0 -(root1\_F140Atribute1) = 0 -(root1\_F47Atribute1) = 0 -(root1\_F49Atribute1) = 0 -(root1\_F149Atribute1) = 0 -(root1\_F158Atribute1) = 0 -(root1\_F159Atribute1) = 0 -(root1\_F50Atribute1) = 0 -(root1\_F156Atribute1) = -76 -(root1\_F157Atribute1) = -23 -(root1\_F154Atribute1) = 0 -(root1\_F54Atribute1) = -32 -(root1\_F155Atribute1) = -62 -(root1\_F55Atribute1) = -12 -(root1\_F152Atribute1) = 0 -(root1\_F56Atribute1) = 0 -(root1\_F153Atribute1) = -50 -(root1\_F150Atribute1) = 0 -(root1\_F58Atribute1) = -61 -(root1\_F151Atribute1) = 0 -(root1\_F59Atribute1) = -49 -(root1\_F118Atribute1) = 0 -(root1\_F119Atribute1) = 0 -(root1\_F116Atribute1) = 0 -(root1\_F117Atribute1) = 0 -(root1\_F125Atribute1) = 0 -(root1\_F126Atribute1) = 0 -(root1\_F123Atribute1) = 0 -(root1\_F124Atribute1) = 0 -(root1\_F20Atribute1) = -15 -(root1\_F121Atribute1) = 0 -(root1\_F122Atribute1) = 0 -(root1\_F22Atribute1) = -51 -(root1\_F120Atribute1) = 0 -(root1\_F25Atribute1) = -26 -(root1\_F27Atribute1) = 0 -(root1\_F28Atribute1) = 0 -(root1\_F29Atribute1) = 0 -(root1\_F6Atribute1) = -98 -(root1\_F9Atribute1) = -47 -(root1\_F8Atribute1) = 0 -(root1\_F2Atribute1) = -29 -(root1\_F4Atribute1) = -26 -(root1\_F129Atribute1) = 0 -(root1\_F127Atribute1) = 0 -(root1\_F128Atribute1) = 0 -(root1\_F136Atribute1) = 0 -(root1\_F137Atribute1) = 0 -(root1\_F134Atribute1) = 0 -(root1\_F30Atribute1) = 0 -(root1\_F135Atribute1) = -95 -(root1\_F132Atribute1) = -69 -(root1\_F31Atribute1) = 0 -(root1\_F133Atribute1) = -67 -(root1\_F130Atribute1) = 0 -(root1\_F33Atribute1) = 0 -(root1\_F131Atribute1) = 0 -(root1\_F35Atribute1) = 0 -(root1\_F37Atribute1) = 0 -(root1\_F38Atribute1) = 0 -(root1\_F39Atribute1) = 0 -(root1\_F80Atribute1) = -94 -(root1\_F82Atribute1) = -90 -(root1\_F103Atribute1) = -34 -(root1\_F83Atribute1) = -17 -(root1\_F104Atribute1) = -99 -(root1\_F84Atribute1) = -11 -(root1\_F101Atribute1) = -21 -(root1\_F102Atribute1) = -19 -(root1\_F86Atribute1) = 0 -(root1\_F100Atribute1) = -85 -(root1\_F87Atribute1) = 0 -(root1\_F88Atribute1) = -82 -(root1\_F89Atribute1) = 0 -(root1\_F109Atribute1) = 0 -(root1\_F107Atribute1) = -72 -(root1\_F108Atribute1) = -92 -(root1\_F90Atribute1) = -15 -(root1\_F105Atribute1) = -93 -(root1\_F91Atribute1) = -98 -(root1\_F106Atribute1) = -91 -(root1\_F92Atribute1) = -32 -(root1\_F114Atribute1) = 0 -(root1\_F93Atribute1) = -7 -(root1\_F94Atribute1) = -80 -(root1\_F96Atribute1) = 0 -(root1\_F113Atribute1) = 0 -(root1\_F97Atribute1) = 0 -(root1\_F110Atribute1) = 0 -(root1\_F10Atribute1) = -46 -(root1\_F11Atribute1) = 0 -(root1\_F99Atribute1) = 0 -(root1\_F13Atribute1) = 0 -(root1\_F15Atribute1) = -74 -(root1\_F16Atribute1) = -17 -(root1\_F17Atribute1) = 0 -(root1\_F18Atribute1) = -15 -(root1\_F19Atribute1) = -72 totalAtribute0 = 2789 totalAtribute1 = -2658 .

- Solution #10 found. Solver[Solver-0], 10 Solutions, Resolution time 0.236s, 48 Nodes (203.1 n/s), 17 Backtracks, 1 Fails, 0 Restarts

feature\_root1\_F1 = 1 feature\_root1\_F18 = 1 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 1 feature\_root1\_F75 = 0 feature\_root1\_F76 = 1 feature\_root1\_F77 = 1 feature\_root1\_F118 = 0 feature\_root1\_F78 = 1 feature\_root1\_F79 = 0 feature\_root1\_F80 = 1 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 1 feature\_root1\_F83 = 1 feature\_root1\_F84 = 1 feature\_root1\_F65 = 1 feature\_root1\_F66 = 1 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 1 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 1 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 0 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 0 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 0 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 0 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 15 TMP\_0 = 0 not(TMP\_0) = 1 TMP\_1 = 0 not(TMP\_1) = 1 TMP\_2 = 1 not(TMP\_2) = 0 TMP\_3 = 1 not(TMP\_3) = 0 root1\_F18Atribute0 = 86 TMP\_4 = 0 not(TMP\_4) = 1 TMP\_5 = 0 not(TMP\_5) = 1 TMP\_6 = 1 not(TMP\_6) = 0 TMP\_7 = 1 not(TMP\_7) = 0 root1\_F19Atribute1 = 72 TMP\_8 = 0 not(TMP\_8) = 1 TMP\_9 = 0 not(TMP\_9) = 1 TMP\_10 = 1 not(TMP\_10) = 0 TMP\_11 = 1 not(TMP\_11) = 0 root1\_F19Atribute0 = 64 TMP\_12 = 0 not(TMP\_12) = 1 TMP\_13 = 0 not(TMP\_13) = 1 TMP\_14 = 1 not(TMP\_14) = 0 TMP\_15 = 1 not(TMP\_15) = 0 root1\_F20Atribute1 = 15 TMP\_16 = 0 not(TMP\_16) = 1 TMP\_17 = 0 not(TMP\_17) = 1 TMP\_18 = 1 not(TMP\_18) = 0 TMP\_19 = 1 not(TMP\_19) = 0 root1\_F20Atribute0 = 61 TMP\_20 = 0 not(TMP\_20) = 1 TMP\_21 = 0 not(TMP\_21) = 1 TMP\_22 = 1 not(TMP\_22) = 0 TMP\_23 = 1 not(TMP\_23) = 0 root1\_F140Atribute1 = 0 TMP\_24 = 1 not(TMP\_24) = 0 TMP\_25 = 1 not(TMP\_25) = 0 TMP\_26 = 0 not(TMP\_26) = 1 TMP\_27 = 0 not(TMP\_27) = 1 root1\_F140Atribute0 = 0 TMP\_28 = 1 not(TMP\_28) = 0 TMP\_29 = 1 not(TMP\_29) = 0 TMP\_30 = 0 not(TMP\_30) = 1 TMP\_31 = 0 not(TMP\_31) = 1 root1\_F141Atribute1 = 0 TMP\_32 = 1 not(TMP\_32) = 0 TMP\_33 = 1 not(TMP\_33) = 0 TMP\_34 = 0 not(TMP\_34) = 1 TMP\_35 = 0 not(TMP\_35) = 1 root1\_F141Atribute0 = 0 TMP\_36 = 1 not(TMP\_36) = 0 TMP\_37 = 1 not(TMP\_37) = 0 TMP\_38 = 0 not(TMP\_38) = 1 TMP\_39 = 0 not(TMP\_39) = 1 root1\_F142Atribute1 = 0 TMP\_40 = 1 not(TMP\_40) = 0 TMP\_41 = 1 not(TMP\_41) = 0 TMP\_42 = 0 not(TMP\_42) = 1 TMP\_43 = 0 not(TMP\_43) = 1 root1\_F142Atribute0 = 0 TMP\_44 = 1 not(TMP\_44) = 0 TMP\_45 = 1 not(TMP\_45) = 0 TMP\_46 = 0 not(TMP\_46) = 1 TMP\_47 = 0 not(TMP\_47) = 1 root1\_F143Atribute1 = 0 TMP\_48 = 1 not(TMP\_48) = 0 TMP\_49 = 1 not(TMP\_49) = 0 TMP\_50 = 0 not(TMP\_50) = 1 TMP\_51 = 0 not(TMP\_51) = 1 root1\_F143Atribute0 = 0 TMP\_52 = 1 not(TMP\_52) = 0 TMP\_53 = 1 not(TMP\_53) = 0 TMP\_54 = 0 not(TMP\_54) = 1 TMP\_55 = 0 not(TMP\_55) = 1 root1\_F144Atribute1 = 0 TMP\_56 = 1 not(TMP\_56) = 0 TMP\_57 = 1 not(TMP\_57) = 0 TMP\_58 = 0 not(TMP\_58) = 1 TMP\_59 = 0 not(TMP\_59) = 1 root1\_F144Atribute0 = 0 TMP\_60 = 1 not(TMP\_60) = 0 TMP\_61 = 1 not(TMP\_61) = 0 TMP\_62 = 0 not(TMP\_62) = 1 TMP\_63 = 0 not(TMP\_63) = 1 root1\_F22Atribute1 = 51 TMP\_64 = 0 not(TMP\_64) = 1 TMP\_65 = 0 not(TMP\_65) = 1 TMP\_66 = 1 not(TMP\_66) = 0 TMP\_67 = 1 not(TMP\_67) = 0 root1\_F22Atribute0 = 69 TMP\_68 = 0 not(TMP\_68) = 1 TMP\_69 = 0 not(TMP\_69) = 1 TMP\_70 = 1 not(TMP\_70) = 0 TMP\_71 = 1 not(TMP\_71) = 0 root1\_F54Atribute1 = 32 TMP\_72 = 0 not(TMP\_72) = 1 TMP\_73 = 0 not(TMP\_73) = 1 TMP\_74 = 1 not(TMP\_74) = 0 TMP\_75 = 1 not(TMP\_75) = 0 root1\_F54Atribute0 = 96 TMP\_76 = 0 not(TMP\_76) = 1 TMP\_77 = 0 not(TMP\_77) = 1 TMP\_78 = 1 not(TMP\_78) = 0 TMP\_79 = 1 not(TMP\_79) = 0 root1\_F55Atribute1 = 12 TMP\_80 = 0 not(TMP\_80) = 1 TMP\_81 = 0 not(TMP\_81) = 1 TMP\_82 = 1 not(TMP\_82) = 0 TMP\_83 = 1 not(TMP\_83) = 0 root1\_F55Atribute0 = 76 TMP\_84 = 0 not(TMP\_84) = 1 TMP\_85 = 0 not(TMP\_85) = 1 TMP\_86 = 1 not(TMP\_86) = 0 TMP\_87 = 1 not(TMP\_87) = 0 root1\_F56Atribute1 = 0 TMP\_88 = 1 not(TMP\_88) = 0 TMP\_89 = 1 not(TMP\_89) = 0 TMP\_90 = 0 not(TMP\_90) = 1 TMP\_91 = 0 not(TMP\_91) = 1 root1\_F56Atribute0 = 0 TMP\_92 = 1 not(TMP\_92) = 0 TMP\_93 = 1 not(TMP\_93) = 0 TMP\_94 = 0 not(TMP\_94) = 1 TMP\_95 = 0 not(TMP\_95) = 1 root1\_F132Atribute1 = 69 TMP\_96 = 0 not(TMP\_96) = 1 TMP\_97 = 0 not(TMP\_97) = 1 TMP\_98 = 1 not(TMP\_98) = 0 TMP\_99 = 1 not(TMP\_99) = 0 root1\_F132Atribute0 = 61 TMP\_100 = 0 not(TMP\_100) = 1 TMP\_101 = 0 not(TMP\_101) = 1 TMP\_102 = 1 not(TMP\_102) = 0 TMP\_103 = 1 not(TMP\_103) = 0 root1\_F58Atribute1 = 61 TMP\_104 = 0 not(TMP\_104) = 1 TMP\_105 = 0 not(TMP\_105) = 1 TMP\_106 = 1 not(TMP\_106) = 0 TMP\_107 = 1 not(TMP\_107) = 0 root1\_F58Atribute0 = 39 TMP\_108 = 0 not(TMP\_108) = 1 TMP\_109 = 0 not(TMP\_109) = 1 TMP\_110 = 1 not(TMP\_110) = 0 TMP\_111 = 1 not(TMP\_111) = 0 root1\_F59Atribute1 = 49 TMP\_112 = 0 not(TMP\_112) = 1 TMP\_113 = 0 not(TMP\_113) = 1 TMP\_114 = 1 not(TMP\_114) = 0 TMP\_115 = 1 not(TMP\_115) = 0 root1\_F59Atribute0 = 93 TMP\_116 = 0 not(TMP\_116) = 1 TMP\_117 = 0 not(TMP\_117) = 1 TMP\_118 = 1 not(TMP\_118) = 0 TMP\_119 = 1 not(TMP\_119) = 0 root1\_F60Atribute1 = 1 TMP\_120 = 0 not(TMP\_120) = 1 TMP\_121 = 0 not(TMP\_121) = 1 TMP\_122 = 1 not(TMP\_122) = 0 TMP\_123 = 1 not(TMP\_123) = 0 root1\_F60Atribute0 = 44 TMP\_124 = 0 not(TMP\_124) = 1 TMP\_125 = 0 not(TMP\_125) = 1 TMP\_126 = 1 not(TMP\_126) = 0 TMP\_127 = 1 not(TMP\_127) = 0 root1\_F61Atribute1 = 0 TMP\_128 = 1 not(TMP\_128) = 0 TMP\_129 = 1 not(TMP\_129) = 0 TMP\_130 = 0 not(TMP\_130) = 1 TMP\_131 = 0 not(TMP\_131) = 1 root1\_F61Atribute0 = 0 TMP\_132 = 1 not(TMP\_132) = 0 TMP\_133 = 1 not(TMP\_133) = 0 TMP\_134 = 0 not(TMP\_134) = 1 TMP\_135 = 0 not(TMP\_135) = 1 root1\_F62Atribute1 = 74 TMP\_136 = 0 not(TMP\_136) = 1 TMP\_137 = 0 not(TMP\_137) = 1 TMP\_138 = 1 not(TMP\_138) = 0 TMP\_139 = 1 not(TMP\_139) = 0 root1\_F62Atribute0 = 47 TMP\_140 = 0 not(TMP\_140) = 1 TMP\_141 = 0 not(TMP\_141) = 1 TMP\_142 = 1 not(TMP\_142) = 0 TMP\_143 = 1 not(TMP\_143) = 0 root1\_F63Atribute1 = 15 TMP\_144 = 0 not(TMP\_144) = 1 TMP\_145 = 0 not(TMP\_145) = 1 TMP\_146 = 1 not(TMP\_146) = 0 TMP\_147 = 1 not(TMP\_147) = 0 root1\_F63Atribute0 = 27 TMP\_148 = 0 not(TMP\_148) = 1 TMP\_149 = 0 not(TMP\_149) = 1 TMP\_150 = 1 not(TMP\_150) = 0 TMP\_151 = 1 not(TMP\_151) = 0 root1\_F75Atribute1 = 0 TMP\_152 = 1 not(TMP\_152) = 0 TMP\_153 = 1 not(TMP\_153) = 0 TMP\_154 = 0 not(TMP\_154) = 1 TMP\_155 = 0 not(TMP\_155) = 1 root1\_F75Atribute0 = 0 TMP\_156 = 1 not(TMP\_156) = 0 TMP\_157 = 1 not(TMP\_157) = 0 TMP\_158 = 0 not(TMP\_158) = 1 TMP\_159 = 0 not(TMP\_159) = 1 root1\_F76Atribute1 = 31 TMP\_160 = 0 not(TMP\_160) = 1 TMP\_161 = 0 not(TMP\_161) = 1 TMP\_162 = 1 not(TMP\_162) = 0 TMP\_163 = 1 not(TMP\_163) = 0 root1\_F76Atribute0 = 62 TMP\_164 = 0 not(TMP\_164) = 1 TMP\_165 = 0 not(TMP\_165) = 1 TMP\_166 = 1 not(TMP\_166) = 0 TMP\_167 = 1 not(TMP\_167) = 0 root1\_F118Atribute1 = 0 TMP\_168 = 1 not(TMP\_168) = 0 TMP\_169 = 1 not(TMP\_169) = 0 TMP\_170 = 0 not(TMP\_170) = 1 TMP\_171 = 0 not(TMP\_171) = 1 root1\_F118Atribute0 = 0 TMP\_172 = 1 not(TMP\_172) = 0 TMP\_173 = 1 not(TMP\_173) = 0 TMP\_174 = 0 not(TMP\_174) = 1 TMP\_175 = 0 not(TMP\_175) = 1 root1\_F78Atribute1 = 15 TMP\_176 = 0 not(TMP\_176) = 1 TMP\_177 = 0 not(TMP\_177) = 1 TMP\_178 = 1 not(TMP\_178) = 0 TMP\_179 = 1 not(TMP\_179) = 0 root1\_F78Atribute0 = 75 TMP\_180 = 0 not(TMP\_180) = 1 TMP\_181 = 0 not(TMP\_181) = 1 TMP\_182 = 1 not(TMP\_182) = 0 TMP\_183 = 1 not(TMP\_183) = 0 root1\_F79Atribute1 = 0 TMP\_184 = 1 not(TMP\_184) = 0 TMP\_185 = 1 not(TMP\_185) = 0 TMP\_186 = 0 not(TMP\_186) = 1 TMP\_187 = 0 not(TMP\_187) = 1 root1\_F79Atribute0 = 0 TMP\_188 = 1 not(TMP\_188) = 0 TMP\_189 = 1 not(TMP\_189) = 0 TMP\_190 = 0 not(TMP\_190) = 1 TMP\_191 = 0 not(TMP\_191) = 1 root1\_F80Atribute1 = 94 TMP\_192 = 0 not(TMP\_192) = 1 TMP\_193 = 0 not(TMP\_193) = 1 TMP\_194 = 1 not(TMP\_194) = 0 TMP\_195 = 1 not(TMP\_195) = 0 root1\_F80Atribute0 = 1 TMP\_196 = 0 not(TMP\_196) = 1 TMP\_197 = 0 not(TMP\_197) = 1 TMP\_198 = 1 not(TMP\_198) = 0 TMP\_199 = 1 not(TMP\_199) = 0 root1\_F124Atribute1 = 0 TMP\_200 = 1 not(TMP\_200) = 0 TMP\_201 = 1 not(TMP\_201) = 0 TMP\_202 = 0 not(TMP\_202) = 1 TMP\_203 = 0 not(TMP\_203) = 1 root1\_F124Atribute0 = 0 TMP\_204 = 1 not(TMP\_204) = 0 TMP\_205 = 1 not(TMP\_205) = 0 TMP\_206 = 0 not(TMP\_206) = 1 TMP\_207 = 0 not(TMP\_207) = 1 root1\_F125Atribute1 = 0 TMP\_208 = 1 not(TMP\_208) = 0 TMP\_209 = 1 not(TMP\_209) = 0 TMP\_210 = 0 not(TMP\_210) = 1 TMP\_211 = 0 not(TMP\_211) = 1 root1\_F125Atribute0 = 0 TMP\_212 = 1 not(TMP\_212) = 0 TMP\_213 = 1 not(TMP\_213) = 0 TMP\_214 = 0 not(TMP\_214) = 1 TMP\_215 = 0 not(TMP\_215) = 1 root1\_F126Atribute1 = 0 TMP\_216 = 1 not(TMP\_216) = 0 TMP\_217 = 1 not(TMP\_217) = 0 TMP\_218 = 0 not(TMP\_218) = 1 TMP\_219 = 0 not(TMP\_219) = 1 root1\_F126Atribute0 = 0 TMP\_220 = 1 not(TMP\_220) = 0 TMP\_221 = 1 not(TMP\_221) = 0 TMP\_222 = 0 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= 1 TMP\_517 = 0 not(TMP\_517) = 1 root1\_F30Atribute1 = 0 TMP\_518 = 1 not(TMP\_518) = 0 TMP\_519 = 1 not(TMP\_519) = 0 TMP\_520 = 0 not(TMP\_520) = 1 TMP\_521 = 0 not(TMP\_521) = 1 root1\_F30Atribute0 = 0 TMP\_522 = 1 not(TMP\_522) = 0 TMP\_523 = 1 not(TMP\_523) = 0 TMP\_524 = 0 not(TMP\_524) = 1 TMP\_525 = 0 not(TMP\_525) = 1 root1\_F31Atribute1 = 0 TMP\_526 = 1 not(TMP\_526) = 0 TMP\_527 = 1 not(TMP\_527) = 0 TMP\_528 = 0 not(TMP\_528) = 1 TMP\_529 = 0 not(TMP\_529) = 1 root1\_F31Atribute0 = 0 TMP\_530 = 1 not(TMP\_530) = 0 TMP\_531 = 1 not(TMP\_531) = 0 TMP\_532 = 0 not(TMP\_532) = 1 TMP\_533 = 0 not(TMP\_533) = 1 root1\_F87Atribute1 = 0 TMP\_534 = 1 not(TMP\_534) = 0 TMP\_535 = 1 not(TMP\_535) = 0 TMP\_536 = 0 not(TMP\_536) = 1 TMP\_537 = 0 not(TMP\_537) = 1 root1\_F87Atribute0 = 0 TMP\_538 = 1 not(TMP\_538) = 0 TMP\_539 = 1 not(TMP\_539) = 0 TMP\_540 = 0 not(TMP\_540) = 1 TMP\_541 = 0 not(TMP\_541) = 1 root1\_F33Atribute1 = 0 TMP\_542 = 1 not(TMP\_542) = 0 TMP\_543 = 1 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TMP\_570 = 1 not(TMP\_570) = 0 TMP\_571 = 1 not(TMP\_571) = 0 TMP\_572 = 0 not(TMP\_572) = 1 TMP\_573 = 0 not(TMP\_573) = 1 root1\_F150Atribute1 = 0 TMP\_574 = 1 not(TMP\_574) = 0 TMP\_575 = 1 not(TMP\_575) = 0 TMP\_576 = 0 not(TMP\_576) = 1 TMP\_577 = 0 not(TMP\_577) = 1 root1\_F150Atribute0 = 0 TMP\_578 = 1 not(TMP\_578) = 0 TMP\_579 = 1 not(TMP\_579) = 0 TMP\_580 = 0 not(TMP\_580) = 1 TMP\_581 = 0 not(TMP\_581) = 1 root1\_F151Atribute1 = 0 TMP\_582 = 1 not(TMP\_582) = 0 TMP\_583 = 1 not(TMP\_583) = 0 TMP\_584 = 0 not(TMP\_584) = 1 TMP\_585 = 0 not(TMP\_585) = 1 root1\_F151Atribute0 = 0 TMP\_586 = 1 not(TMP\_586) = 0 TMP\_587 = 1 not(TMP\_587) = 0 TMP\_588 = 0 not(TMP\_588) = 1 TMP\_589 = 0 not(TMP\_589) = 1 root1\_F152Atribute1 = 0 TMP\_590 = 1 not(TMP\_590) = 0 TMP\_591 = 1 not(TMP\_591) = 0 TMP\_592 = 0 not(TMP\_592) = 1 TMP\_593 = 0 not(TMP\_593) = 1 root1\_F152Atribute0 = 0 TMP\_594 = 1 not(TMP\_594) = 0 TMP\_595 = 1 not(TMP\_595) = 0 TMP\_596 = 0 not(TMP\_596) = 1 TMP\_597 = 0 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TMP\_811 = 1 not(TMP\_811) = 0 TMP\_812 = 0 not(TMP\_812) = 1 TMP\_813 = 0 not(TMP\_813) = 1 root1\_F117Atribute1 = 0 TMP\_814 = 1 not(TMP\_814) = 0 TMP\_815 = 1 not(TMP\_815) = 0 TMP\_816 = 0 not(TMP\_816) = 1 TMP\_817 = 0 not(TMP\_817) = 1 root1\_F117Atribute0 = 0 TMP\_818 = 1 not(TMP\_818) = 0 TMP\_819 = 1 not(TMP\_819) = 0 TMP\_820 = 0 not(TMP\_820) = 1 TMP\_821 = 0 not(TMP\_821) = 1 root1\_F49Atribute1 = 0 TMP\_822 = 1 not(TMP\_822) = 0 TMP\_823 = 1 not(TMP\_823) = 0 TMP\_824 = 0 not(TMP\_824) = 1 TMP\_825 = 0 not(TMP\_825) = 1 root1\_F49Atribute0 = 0 TMP\_826 = 1 not(TMP\_826) = 0 TMP\_827 = 1 not(TMP\_827) = 0 TMP\_828 = 0 not(TMP\_828) = 1 TMP\_829 = 0 not(TMP\_829) = 1 root1\_F43Atribute1 = 0 TMP\_830 = 1 not(TMP\_830) = 0 TMP\_831 = 1 not(TMP\_831) = 0 TMP\_832 = 0 not(TMP\_832) = 1 TMP\_833 = 0 not(TMP\_833) = 1 root1\_F43Atribute0 = 0 TMP\_834 = 1 not(TMP\_834) = 0 TMP\_835 = 1 not(TMP\_835) = 0 TMP\_836 = 0 not(TMP\_836) = 1 TMP\_837 = 0 not(TMP\_837) = 1 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= 1 TMP\_865 = 0 not(TMP\_865) = 1 root1\_F13Atribute0 = 0 TMP\_866 = 1 not(TMP\_866) = 0 TMP\_867 = 1 not(TMP\_867) = 0 TMP\_868 = 0 not(TMP\_868) = 1 TMP\_869 = 0 not(TMP\_869) = 1 root1\_F50Atribute1 = 0 TMP\_870 = 1 not(TMP\_870) = 0 TMP\_871 = 1 not(TMP\_871) = 0 TMP\_872 = 0 not(TMP\_872) = 1 TMP\_873 = 0 not(TMP\_873) = 1 root1\_F50Atribute0 = 0 TMP\_874 = 1 not(TMP\_874) = 0 TMP\_875 = 1 not(TMP\_875) = 0 TMP\_876 = 0 not(TMP\_876) = 1 TMP\_877 = 0 not(TMP\_877) = 1 root1\_F153Atribute1 = 50 TMP\_878 = 0 not(TMP\_878) = 1 TMP\_879 = 0 not(TMP\_879) = 1 TMP\_880 = 1 not(TMP\_880) = 0 TMP\_881 = 1 not(TMP\_881) = 0 root1\_F153Atribute0 = 88 TMP\_882 = 0 not(TMP\_882) = 1 TMP\_883 = 0 not(TMP\_883) = 1 TMP\_884 = 1 not(TMP\_884) = 0 TMP\_885 = 1 not(TMP\_885) = 0 root1\_F154Atribute1 = 0 TMP\_886 = 1 not(TMP\_886) = 0 TMP\_887 = 1 not(TMP\_887) = 0 TMP\_888 = 0 not(TMP\_888) = 1 TMP\_889 = 0 not(TMP\_889) = 1 root1\_F154Atribute0 = 0 TMP\_890 = 1 not(TMP\_890) = 0 TMP\_891 = 1 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= 67 TMP\_918 = 0 not(TMP\_918) = 1 TMP\_919 = 0 not(TMP\_919) = 1 TMP\_920 = 1 not(TMP\_920) = 0 TMP\_921 = 1 not(TMP\_921) = 0 root1\_F133Atribute0 = 26 TMP\_922 = 0 not(TMP\_922) = 1 TMP\_923 = 0 not(TMP\_923) = 1 TMP\_924 = 1 not(TMP\_924) = 0 TMP\_925 = 1 not(TMP\_925) = 0 root1\_F134Atribute1 = 0 TMP\_926 = 1 not(TMP\_926) = 0 TMP\_927 = 1 not(TMP\_927) = 0 TMP\_928 = 0 not(TMP\_928) = 1 TMP\_929 = 0 not(TMP\_929) = 1 root1\_F134Atribute0 = 0 TMP\_930 = 1 not(TMP\_930) = 0 TMP\_931 = 1 not(TMP\_931) = 0 TMP\_932 = 0 not(TMP\_932) = 1 TMP\_933 = 0 not(TMP\_933) = 1 root1\_F135Atribute1 = 95 TMP\_934 = 0 not(TMP\_934) = 1 TMP\_935 = 0 not(TMP\_935) = 1 TMP\_936 = 1 not(TMP\_936) = 0 TMP\_937 = 1 not(TMP\_937) = 0 root1\_F135Atribute0 = 68 TMP\_938 = 0 not(TMP\_938) = 1 TMP\_939 = 0 not(TMP\_939) = 1 TMP\_940 = 1 not(TMP\_940) = 0 TMP\_941 = 1 not(TMP\_941) = 0 root1\_F15Atribute1 = 74 TMP\_942 = 0 not(TMP\_942) = 1 TMP\_943 = 0 not(TMP\_943) = 1 TMP\_944 = 1 not(TMP\_944) = 0 TMP\_945 = 1 not(TMP\_945) = 0 root1\_F15Atribute0 = 78 TMP\_946 = 0 not(TMP\_946) = 1 TMP\_947 = 0 not(TMP\_947) = 1 TMP\_948 = 1 not(TMP\_948) = 0 TMP\_949 = 1 not(TMP\_949) = 0 root1\_F16Atribute1 = 17 TMP\_950 = 0 not(TMP\_950) = 1 TMP\_951 = 0 not(TMP\_951) = 1 TMP\_952 = 1 not(TMP\_952) = 0 TMP\_953 = 1 not(TMP\_953) = 0 root1\_F16Atribute0 = 66 TMP\_954 = 0 not(TMP\_954) = 1 TMP\_955 = 0 not(TMP\_955) = 1 TMP\_956 = 1 not(TMP\_956) = 0 TMP\_957 = 1 not(TMP\_957) = 0 root1\_F17Atribute1 = 0 TMP\_958 = 1 not(TMP\_958) = 0 TMP\_959 = 1 not(TMP\_959) = 0 TMP\_960 = 0 not(TMP\_960) = 1 TMP\_961 = 0 not(TMP\_961) = 1 root1\_F17Atribute0 = 0 TMP\_962 = 1 not(TMP\_962) = 0 TMP\_963 = 1 not(TMP\_963) = 0 TMP\_964 = 0 not(TMP\_964) = 1 TMP\_965 = 0 not(TMP\_965) = 1 root1\_F6Atribute1 = 98 TMP\_966 = 0 not(TMP\_966) = 1 TMP\_967 = 0 not(TMP\_967) = 1 TMP\_968 = 1 not(TMP\_968) = 0 TMP\_969 = 1 not(TMP\_969) = 0 root1\_F6Atribute0 = 44 TMP\_970 = 0 not(TMP\_970) = 1 TMP\_971 = 0 not(TMP\_971) = 1 TMP\_972 = 1 not(TMP\_972) = 0 TMP\_973 = 1 not(TMP\_973) = 0 root1\_F88Atribute1 = 82 TMP\_974 = 0 not(TMP\_974) = 1 TMP\_975 = 0 not(TMP\_975) = 1 TMP\_976 = 1 not(TMP\_976) = 0 TMP\_977 = 1 not(TMP\_977) = 0 root1\_F88Atribute0 = 30 TMP\_978 = 0 not(TMP\_978) = 1 TMP\_979 = 0 not(TMP\_979) = 1 TMP\_980 = 1 not(TMP\_980) = 0 TMP\_981 = 1 not(TMP\_981) = 0 root1\_F89Atribute1 = 0 TMP\_982 = 1 not(TMP\_982) = 0 TMP\_983 = 1 not(TMP\_983) = 0 TMP\_984 = 0 not(TMP\_984) = 1 TMP\_985 = 0 not(TMP\_985) = 1 root1\_F89Atribute0 = 0 TMP\_986 = 1 not(TMP\_986) = 0 TMP\_987 = 1 not(TMP\_987) = 0 TMP\_988 = 0 not(TMP\_988) = 1 TMP\_989 = 0 not(TMP\_989) = 1 root1\_F90Atribute1 = 15 TMP\_990 = 0 not(TMP\_990) = 1 TMP\_991 = 0 not(TMP\_991) = 1 TMP\_992 = 1 not(TMP\_992) = 0 TMP\_993 = 1 not(TMP\_993) = 0 root1\_F90Atribute0 = 14 TMP\_994 = 0 not(TMP\_994) = 1 TMP\_995 = 0 not(TMP\_995) = 1 TMP\_996 = 1 not(TMP\_996) = 0 TMP\_997 = 1 not(TMP\_997) = 0 root1\_F91Atribute1 = 98 TMP\_998 = 0 not(TMP\_998) = 1 TMP\_999 = 0 not(TMP\_999) = 1 TMP\_1000 = 1 not(TMP\_1000) = 0 TMP\_1001 = 1 not(TMP\_1001) = 0 root1\_F91Atribute0 = 98 TMP\_1002 = 0 not(TMP\_1002) = 1 TMP\_1003 = 0 not(TMP\_1003) = 1 TMP\_1004 = 1 not(TMP\_1004) = 0 TMP\_1005 = 1 not(TMP\_1005) = 0 root1\_F92Atribute1 = 32 TMP\_1006 = 0 not(TMP\_1006) = 1 TMP\_1007 = 0 not(TMP\_1007) = 1 TMP\_1008 = 1 not(TMP\_1008) = 0 TMP\_1009 = 1 not(TMP\_1009) = 0 root1\_F92Atribute0 = 95 TMP\_1010 = 0 not(TMP\_1010) = 1 TMP\_1011 = 0 not(TMP\_1011) = 1 TMP\_1012 = 1 not(TMP\_1012) = 0 TMP\_1013 = 1 not(TMP\_1013) = 0 root1\_F93Atribute1 = 7 TMP\_1014 = 0 not(TMP\_1014) = 1 TMP\_1015 = 0 not(TMP\_1015) = 1 TMP\_1016 = 1 not(TMP\_1016) = 0 TMP\_1017 = 1 not(TMP\_1017) = 0 root1\_F93Atribute0 = 30 TMP\_1018 = 0 not(TMP\_1018) = 1 TMP\_1019 = 0 not(TMP\_1019) = 1 TMP\_1020 = 1 not(TMP\_1020) = 0 TMP\_1021 = 1 not(TMP\_1021) = 0 root1\_F94Atribute1 = 80 TMP\_1022 = 0 not(TMP\_1022) = 1 TMP\_1023 = 0 not(TMP\_1023) = 1 TMP\_1024 = 1 not(TMP\_1024) = 0 TMP\_1025 = 1 not(TMP\_1025) = 0 root1\_F94Atribute0 = 26 TMP\_1026 = 0 not(TMP\_1026) = 1 TMP\_1027 = 0 not(TMP\_1027) = 1 TMP\_1028 = 1 not(TMP\_1028) = 0 TMP\_1029 = 1 not(TMP\_1029) = 0 sumOrroot1\_F23 = 1 TMP\_1030 = 1 not(TMP\_1030) = 0 not(feature\_root1\_F23) = 0 TMP\_1031 = 0 not(TMP\_1031) = 1 sumOrroot1\_F64 = 1 TMP\_1032 = 1 not(TMP\_1032) = 0 not(feature\_root1\_F64) = 0 TMP\_1033 = 0 not(TMP\_1033) = 1 sumOrroot1\_F24 = 1 TMP\_1034 = 1 not(TMP\_1034) = 0 not(feature\_root1\_F24) = 0 TMP\_1035 = 0 not(TMP\_1035) = 1 sumOrroot1\_F24 = 1 TMP\_1036 = 1 not(TMP\_1036) = 0 TMP\_1037 = 0 not(TMP\_1037) = 1 sumOrroot1\_F73 = 3 TMP\_1038 = 1 not(TMP\_1038) = 0 not(feature\_root1\_F73) = 0 TMP\_1039 = 0 not(TMP\_1039) = 1 sumOrroot1\_F5 = 1 TMP\_1040 = 1 not(TMP\_1040) = 0 not(feature\_root1\_F5) = 0 TMP\_1041 = 0 not(TMP\_1041) = 1 sumOrroot1\_F12 = 0 TMP\_1042 = 0 not(TMP\_1042) = 1 not(feature\_root1\_F12) = 1 TMP\_1043 = 1 not(TMP\_1043) = 0 sumOrroot1\_F36 = 0 TMP\_1044 = 0 not(TMP\_1044) = 1 not(feature\_root1\_F36) = 1 TMP\_1045 = 1 not(TMP\_1045) = 0 sumOrroot1\_F34 = 0 TMP\_1046 = 0 not(TMP\_1046) = 1 not(feature\_root1\_F34) = 1 TMP\_1047 = 1 not(TMP\_1047) = 0 sumOrroot1\_F48 = 0 TMP\_1048 = 0 not(TMP\_1048) = 1 not(feature\_root1\_F48) = 1 TMP\_1049 = 1 not(TMP\_1049) = 0 sumOrroot1\_F112 = 0 TMP\_1050 = 0 not(TMP\_1050) = 1 not(feature\_root1\_F112) = 1 TMP\_1051 = 1 not(TMP\_1051) = 0 sumOrroot1\_F5 = 3 TMP\_1052 = 1 not(TMP\_1052) = 0 TMP\_1053 = 0 not(TMP\_1053) = 1 sumOrroot1\_F52 = 1 TMP\_1054 = 1 not(TMP\_1054) = 0 not(feature\_root1\_F52) = 0 TMP\_1055 = 0 not(TMP\_1055) = 1 sumOrroot1\_F7 = 2 TMP\_1056 = 1 not(TMP\_1056) = 0 not(feature\_root1\_F7) = 0 TMP\_1057 = 0 not(TMP\_1057) = 1 -(root1\_F60Atribute1) = -1 -(root1\_F61Atribute1) = 0 -(root1\_F62Atribute1) = -74 -(root1\_F63Atribute1) = -15 -(root1\_F65Atribute1) = -32 -(root1\_F66Atribute1) = -21 -(root1\_F67Atribute1) = 0 -(root1\_F68Atribute1) = 0 -(root1\_F69Atribute1) = -81 -(root1\_F70Atribute1) = 0 -(root1\_F71Atribute1) = -37 -(root1\_F72Atribute1) = 0 -(root1\_F74Atribute1) = -16 -(root1\_F75Atribute1) = 0 -(root1\_F76Atribute1) = -31 -(root1\_F78Atribute1) = -15 -(root1\_F79Atribute1) = 0 -(root1\_F138Atribute1) = 0 -(root1\_F139Atribute1) = 0 -(root1\_F147Atribute1) = 0 -(root1\_F148Atribute1) = 0 -(root1\_F145Atribute1) = 0 -(root1\_F41Atribute1) = 0 -(root1\_F146Atribute1) = 0 -(root1\_F143Atribute1) = 0 -(root1\_F144Atribute1) = 0 -(root1\_F43Atribute1) = 0 -(root1\_F141Atribute1) = 0 -(root1\_F44Atribute1) = 0 -(root1\_F142Atribute1) = 0 -(root1\_F45Atribute1) = 0 -(root1\_F46Atribute1) = 0 -(root1\_F140Atribute1) = 0 -(root1\_F47Atribute1) = 0 -(root1\_F49Atribute1) = 0 -(root1\_F149Atribute1) = 0 -(root1\_F158Atribute1) = 0 -(root1\_F159Atribute1) = 0 -(root1\_F50Atribute1) = 0 -(root1\_F156Atribute1) = -76 -(root1\_F157Atribute1) = -23 -(root1\_F154Atribute1) = 0 -(root1\_F54Atribute1) = -32 -(root1\_F155Atribute1) = -62 -(root1\_F55Atribute1) = -12 -(root1\_F152Atribute1) = 0 -(root1\_F56Atribute1) = 0 -(root1\_F153Atribute1) = -50 -(root1\_F150Atribute1) = 0 -(root1\_F58Atribute1) = -61 -(root1\_F151Atribute1) = 0 -(root1\_F59Atribute1) = -49 -(root1\_F118Atribute1) = 0 -(root1\_F119Atribute1) = 0 -(root1\_F116Atribute1) = 0 -(root1\_F117Atribute1) = 0 -(root1\_F125Atribute1) = 0 -(root1\_F126Atribute1) = 0 -(root1\_F123Atribute1) = 0 -(root1\_F124Atribute1) = 0 -(root1\_F20Atribute1) = -15 -(root1\_F121Atribute1) = 0 -(root1\_F122Atribute1) = 0 -(root1\_F22Atribute1) = -51 -(root1\_F120Atribute1) = 0 -(root1\_F25Atribute1) = -26 -(root1\_F27Atribute1) = 0 -(root1\_F28Atribute1) = 0 -(root1\_F29Atribute1) = 0 -(root1\_F6Atribute1) = -98 -(root1\_F9Atribute1) = -47 -(root1\_F8Atribute1) = 0 -(root1\_F2Atribute1) = -29 -(root1\_F4Atribute1) = -26 -(root1\_F129Atribute1) = 0 -(root1\_F127Atribute1) = 0 -(root1\_F128Atribute1) = 0 -(root1\_F136Atribute1) = 0 -(root1\_F137Atribute1) = 0 -(root1\_F134Atribute1) = 0 -(root1\_F30Atribute1) = 0 -(root1\_F135Atribute1) = -95 -(root1\_F132Atribute1) = -69 -(root1\_F31Atribute1) = 0 -(root1\_F133Atribute1) = -67 -(root1\_F130Atribute1) = 0 -(root1\_F33Atribute1) = 0 -(root1\_F131Atribute1) = 0 -(root1\_F35Atribute1) = 0 -(root1\_F37Atribute1) = 0 -(root1\_F38Atribute1) = 0 -(root1\_F39Atribute1) = 0 -(root1\_F80Atribute1) = -94 -(root1\_F82Atribute1) = -90 -(root1\_F103Atribute1) = -34 -(root1\_F83Atribute1) = -17 -(root1\_F104Atribute1) = -99 -(root1\_F84Atribute1) = -11 -(root1\_F101Atribute1) = -21 -(root1\_F102Atribute1) = -19 -(root1\_F86Atribute1) = 0 -(root1\_F100Atribute1) = -85 -(root1\_F87Atribute1) = 0 -(root1\_F88Atribute1) = -82 -(root1\_F89Atribute1) = 0 -(root1\_F109Atribute1) = 0 -(root1\_F107Atribute1) = -72 -(root1\_F108Atribute1) = -92 -(root1\_F90Atribute1) = -15 -(root1\_F105Atribute1) = -93 -(root1\_F91Atribute1) = -98 -(root1\_F106Atribute1) = -91 -(root1\_F92Atribute1) = -32 -(root1\_F114Atribute1) = 0 -(root1\_F93Atribute1) = -7 -(root1\_F94Atribute1) = -80 -(root1\_F96Atribute1) = 0 -(root1\_F113Atribute1) = 0 -(root1\_F97Atribute1) = 0 -(root1\_F110Atribute1) = 0 -(root1\_F10Atribute1) = -46 -(root1\_F11Atribute1) = 0 -(root1\_F99Atribute1) = 0 -(root1\_F13Atribute1) = 0 -(root1\_F15Atribute1) = -74 -(root1\_F16Atribute1) = -17 -(root1\_F17Atribute1) = 0 -(root1\_F18Atribute1) = -15 -(root1\_F19Atribute1) = -72 totalAtribute0 = 2724 totalAtribute1 = -2567 .

\*\* Choco 3.3.3 (2015-12) : Constraint Programming Solver, Copyleft (c) 2010-2015

- Solver[Solver-0] features:

Variables : 2733

Constraints : 2998

Default search strategy : yes

Completed search strategy : no

- Incomplete search - Limit reached.

Solver[Solver-0]

Solutions: 10

Building time : 0.178s

Resolution time : 0.250s

Nodes: 48 (191.9 n/s)

Backtracks: 17

Fails: 1

Restarts: 0

Variables: 2,733

Constraints: 2,998

Ended at: 1490161225758

Total time: 303

# Heuristic 1

Started at: 1490170682227

- Solution #1 found. Solver[Solver-0], 1 Solutions, Resolution time 0.049s, 25 Nodes (508.2 n/s), 0 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 1 feature\_root1\_F71 = 1 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 1 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 1 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 1 feature\_root1\_F71 = 1 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 1 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 1 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 0 root1\_F19Atribute0 = 0 root1\_F20Atribute1 = 0 root1\_F20Atribute0 = 0 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 0 root1\_F22Atribute0 = 0 root1\_F54Atribute1 = 0 root1\_F54Atribute0 = 0 root1\_F55Atribute1 = 0 root1\_F55Atribute0 = 0 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 0 root1\_F132Atribute0 = 0 root1\_F58Atribute1 = 0 root1\_F58Atribute0 = 0 root1\_F59Atribute1 = 0 root1\_F59Atribute0 = 0 root1\_F60Atribute1 = 0 root1\_F60Atribute0 = 0 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 0 root1\_F62Atribute0 = 0 root1\_F63Atribute1 = 0 root1\_F63Atribute0 = 0 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 root1\_F125Atribute0 = 0 root1\_F126Atribute1 = 0 root1\_F126Atribute0 = 0 root1\_F127Atribute1 = 0 root1\_F127Atribute0 = 0 root1\_F128Atribute1 = 0 root1\_F128Atribute0 = 0 root1\_F129Atribute1 = 0 root1\_F129Atribute0 = 0 root1\_F130Atribute1 = 0 root1\_F130Atribute0 = 0 root1\_F131Atribute1 = 0 root1\_F131Atribute0 = 0 root1\_F86Atribute1 = 0 root1\_F86Atribute0 = 0 root1\_F82Atribute1 = 0 root1\_F82Atribute0 = 0 root1\_F83Atribute1 = 0 root1\_F83Atribute0 = 0 root1\_F84Atribute1 = 0 root1\_F84Atribute0 = 0 root1\_F65Atribute1 = 0 root1\_F65Atribute0 = 0 root1\_F66Atribute1 = 0 root1\_F66Atribute0 = 0 root1\_F67Atribute1 = 0 root1\_F67Atribute0 = 0 root1\_F68Atribute1 = 0 root1\_F68Atribute0 = 0 root1\_F69Atribute1 = 0 root1\_F69Atribute0 = 0 root1\_F25Atribute1 = 0 root1\_F25Atribute0 = 0 root1\_F74Atribute1 = 0 root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 36 root1\_F70Atribute0 = 3 root1\_F71Atribute1 = 37 root1\_F71Atribute0 = 86 root1\_F72Atribute1 = 60 root1\_F72Atribute0 = 63 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 19 root1\_F102Atribute0 = 31 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 99 root1\_F104Atribute0 = 37 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 46 root1\_F10Atribute0 = 91 root1\_F11Atribute1 = 30 root1\_F11Atribute0 = 34 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 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root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 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= 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 7 root1\_F93Atribute0 = 30 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1791 totalAtribute1 = -2268 .

- Solution #2 found. Solver[Solver-0], 2 Solutions, Resolution time 0.085s, 26 Nodes (306.5 n/s), 1 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 1 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 1 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 1 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 1 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 0 root1\_F19Atribute0 = 0 root1\_F20Atribute1 = 0 root1\_F20Atribute0 = 0 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 0 root1\_F22Atribute0 = 0 root1\_F54Atribute1 = 0 root1\_F54Atribute0 = 0 root1\_F55Atribute1 = 0 root1\_F55Atribute0 = 0 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 0 root1\_F132Atribute0 = 0 root1\_F58Atribute1 = 0 root1\_F58Atribute0 = 0 root1\_F59Atribute1 = 0 root1\_F59Atribute0 = 0 root1\_F60Atribute1 = 0 root1\_F60Atribute0 = 0 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 0 root1\_F62Atribute0 = 0 root1\_F63Atribute1 = 0 root1\_F63Atribute0 = 0 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 root1\_F125Atribute0 = 0 root1\_F126Atribute1 = 0 root1\_F126Atribute0 = 0 root1\_F127Atribute1 = 0 root1\_F127Atribute0 = 0 root1\_F128Atribute1 = 0 root1\_F128Atribute0 = 0 root1\_F129Atribute1 = 0 root1\_F129Atribute0 = 0 root1\_F130Atribute1 = 0 root1\_F130Atribute0 = 0 root1\_F131Atribute1 = 0 root1\_F131Atribute0 = 0 root1\_F86Atribute1 = 0 root1\_F86Atribute0 = 0 root1\_F82Atribute1 = 0 root1\_F82Atribute0 = 0 root1\_F83Atribute1 = 0 root1\_F83Atribute0 = 0 root1\_F84Atribute1 = 0 root1\_F84Atribute0 = 0 root1\_F65Atribute1 = 0 root1\_F65Atribute0 = 0 root1\_F66Atribute1 = 0 root1\_F66Atribute0 = 0 root1\_F67Atribute1 = 0 root1\_F67Atribute0 = 0 root1\_F68Atribute1 = 0 root1\_F68Atribute0 = 0 root1\_F69Atribute1 = 0 root1\_F69Atribute0 = 0 root1\_F25Atribute1 = 0 root1\_F25Atribute0 = 0 root1\_F74Atribute1 = 0 root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 0 root1\_F70Atribute0 = 0 root1\_F71Atribute1 = 37 root1\_F71Atribute0 = 86 root1\_F72Atribute1 = 60 root1\_F72Atribute0 = 63 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 19 root1\_F102Atribute0 = 31 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 99 root1\_F104Atribute0 = 37 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 46 root1\_F10Atribute0 = 91 root1\_F11Atribute1 = 30 root1\_F11Atribute0 = 34 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 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root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 87 root1\_F50Atribute0 = 1 root1\_F153Atribute1 = 50 root1\_F153Atribute0 = 88 root1\_F154Atribute1 = 38 root1\_F154Atribute0 = 34 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 74 root1\_F15Atribute0 = 78 root1\_F16Atribute1 = 17 root1\_F16Atribute0 = 66 root1\_F17Atribute1 = 92 root1\_F17Atribute0 = 24 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 82 root1\_F88Atribute0 = 30 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 7 root1\_F93Atribute0 = 30 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1788 totalAtribute1 = -2232 .

- Solution #3 found. Solver[Solver-0], 3 Solutions, Resolution time 0.095s, 28 Nodes (294.1 n/s), 3 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 1 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 1 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 1 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 1 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 1 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 1 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 0 root1\_F19Atribute0 = 0 root1\_F20Atribute1 = 0 root1\_F20Atribute0 = 0 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 0 root1\_F22Atribute0 = 0 root1\_F54Atribute1 = 0 root1\_F54Atribute0 = 0 root1\_F55Atribute1 = 0 root1\_F55Atribute0 = 0 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 0 root1\_F132Atribute0 = 0 root1\_F58Atribute1 = 0 root1\_F58Atribute0 = 0 root1\_F59Atribute1 = 0 root1\_F59Atribute0 = 0 root1\_F60Atribute1 = 0 root1\_F60Atribute0 = 0 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 0 root1\_F62Atribute0 = 0 root1\_F63Atribute1 = 0 root1\_F63Atribute0 = 0 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 root1\_F125Atribute0 = 0 root1\_F126Atribute1 = 0 root1\_F126Atribute0 = 0 root1\_F127Atribute1 = 0 root1\_F127Atribute0 = 0 root1\_F128Atribute1 = 0 root1\_F128Atribute0 = 0 root1\_F129Atribute1 = 0 root1\_F129Atribute0 = 0 root1\_F130Atribute1 = 0 root1\_F130Atribute0 = 0 root1\_F131Atribute1 = 0 root1\_F131Atribute0 = 0 root1\_F86Atribute1 = 0 root1\_F86Atribute0 = 0 root1\_F82Atribute1 = 0 root1\_F82Atribute0 = 0 root1\_F83Atribute1 = 0 root1\_F83Atribute0 = 0 root1\_F84Atribute1 = 0 root1\_F84Atribute0 = 0 root1\_F65Atribute1 = 0 root1\_F65Atribute0 = 0 root1\_F66Atribute1 = 0 root1\_F66Atribute0 = 0 root1\_F67Atribute1 = 0 root1\_F67Atribute0 = 0 root1\_F68Atribute1 = 0 root1\_F68Atribute0 = 0 root1\_F69Atribute1 = 0 root1\_F69Atribute0 = 0 root1\_F25Atribute1 = 0 root1\_F25Atribute0 = 0 root1\_F74Atribute1 = 0 root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 36 root1\_F70Atribute0 = 3 root1\_F71Atribute1 = 0 root1\_F71Atribute0 = 0 root1\_F72Atribute1 = 60 root1\_F72Atribute0 = 63 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 19 root1\_F102Atribute0 = 31 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 99 root1\_F104Atribute0 = 37 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 46 root1\_F10Atribute0 = 91 root1\_F11Atribute1 = 30 root1\_F11Atribute0 = 34 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 root1\_F37Atribute0 = 0 root1\_F38Atribute1 = 0 root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 87 root1\_F50Atribute0 = 1 root1\_F153Atribute1 = 50 root1\_F153Atribute0 = 88 root1\_F154Atribute1 = 38 root1\_F154Atribute0 = 34 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 74 root1\_F15Atribute0 = 78 root1\_F16Atribute1 = 17 root1\_F16Atribute0 = 66 root1\_F17Atribute1 = 92 root1\_F17Atribute0 = 24 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 82 root1\_F88Atribute0 = 30 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 7 root1\_F93Atribute0 = 30 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1705 totalAtribute1 = -2231 .

- Solution #4 found. Solver[Solver-0], 4 Solutions, Resolution time 0.100s, 29 Nodes (290.0 n/s), 4 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 1 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 1 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 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= 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 7 root1\_F93Atribute0 = 30 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1702 totalAtribute1 = -2195 .

- Solution #5 found. Solver[Solver-0], 5 Solutions, Resolution time 0.108s, 31 Nodes (286.7 n/s), 7 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 1 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 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feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 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root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 0 root1\_F22Atribute0 = 0 root1\_F54Atribute1 = 0 root1\_F54Atribute0 = 0 root1\_F55Atribute1 = 0 root1\_F55Atribute0 = 0 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 0 root1\_F132Atribute0 = 0 root1\_F58Atribute1 = 0 root1\_F58Atribute0 = 0 root1\_F59Atribute1 = 0 root1\_F59Atribute0 = 0 root1\_F60Atribute1 = 0 root1\_F60Atribute0 = 0 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 0 root1\_F62Atribute0 = 0 root1\_F63Atribute1 = 0 root1\_F63Atribute0 = 0 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 root1\_F125Atribute0 = 0 root1\_F126Atribute1 = 0 root1\_F126Atribute0 = 0 root1\_F127Atribute1 = 0 root1\_F127Atribute0 = 0 root1\_F128Atribute1 = 0 root1\_F128Atribute0 = 0 root1\_F129Atribute1 = 0 root1\_F129Atribute0 = 0 root1\_F130Atribute1 = 0 root1\_F130Atribute0 = 0 root1\_F131Atribute1 = 0 root1\_F131Atribute0 = 0 root1\_F86Atribute1 = 0 root1\_F86Atribute0 = 0 root1\_F82Atribute1 = 0 root1\_F82Atribute0 = 0 root1\_F83Atribute1 = 0 root1\_F83Atribute0 = 0 root1\_F84Atribute1 = 0 root1\_F84Atribute0 = 0 root1\_F65Atribute1 = 0 root1\_F65Atribute0 = 0 root1\_F66Atribute1 = 0 root1\_F66Atribute0 = 0 root1\_F67Atribute1 = 0 root1\_F67Atribute0 = 0 root1\_F68Atribute1 = 0 root1\_F68Atribute0 = 0 root1\_F69Atribute1 = 0 root1\_F69Atribute0 = 0 root1\_F25Atribute1 = 0 root1\_F25Atribute0 = 0 root1\_F74Atribute1 = 0 root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 36 root1\_F70Atribute0 = 3 root1\_F71Atribute1 = 0 root1\_F71Atribute0 = 0 root1\_F72Atribute1 = 0 root1\_F72Atribute0 = 0 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 19 root1\_F102Atribute0 = 31 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 99 root1\_F104Atribute0 = 37 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 46 root1\_F10Atribute0 = 91 root1\_F11Atribute1 = 30 root1\_F11Atribute0 = 34 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 root1\_F37Atribute0 = 0 root1\_F38Atribute1 = 0 root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 87 root1\_F50Atribute0 = 1 root1\_F153Atribute1 = 50 root1\_F153Atribute0 = 88 root1\_F154Atribute1 = 38 root1\_F154Atribute0 = 34 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 74 root1\_F15Atribute0 = 78 root1\_F16Atribute1 = 17 root1\_F16Atribute0 = 66 root1\_F17Atribute1 = 92 root1\_F17Atribute0 = 24 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 82 root1\_F88Atribute0 = 30 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 7 root1\_F93Atribute0 = 30 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1642 totalAtribute1 = -2171 .

- Solution #6 found. Solver[Solver-0], 6 Solutions, Resolution time 0.114s, 32 Nodes (279.7 n/s), 8 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 1 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 1 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 1 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 1 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 0 root1\_F19Atribute0 = 0 root1\_F20Atribute1 = 0 root1\_F20Atribute0 = 0 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 0 root1\_F22Atribute0 = 0 root1\_F54Atribute1 = 0 root1\_F54Atribute0 = 0 root1\_F55Atribute1 = 0 root1\_F55Atribute0 = 0 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 0 root1\_F132Atribute0 = 0 root1\_F58Atribute1 = 0 root1\_F58Atribute0 = 0 root1\_F59Atribute1 = 0 root1\_F59Atribute0 = 0 root1\_F60Atribute1 = 0 root1\_F60Atribute0 = 0 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 0 root1\_F62Atribute0 = 0 root1\_F63Atribute1 = 0 root1\_F63Atribute0 = 0 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 root1\_F125Atribute0 = 0 root1\_F126Atribute1 = 0 root1\_F126Atribute0 = 0 root1\_F127Atribute1 = 0 root1\_F127Atribute0 = 0 root1\_F128Atribute1 = 0 root1\_F128Atribute0 = 0 root1\_F129Atribute1 = 0 root1\_F129Atribute0 = 0 root1\_F130Atribute1 = 0 root1\_F130Atribute0 = 0 root1\_F131Atribute1 = 0 root1\_F131Atribute0 = 0 root1\_F86Atribute1 = 0 root1\_F86Atribute0 = 0 root1\_F82Atribute1 = 0 root1\_F82Atribute0 = 0 root1\_F83Atribute1 = 0 root1\_F83Atribute0 = 0 root1\_F84Atribute1 = 0 root1\_F84Atribute0 = 0 root1\_F65Atribute1 = 0 root1\_F65Atribute0 = 0 root1\_F66Atribute1 = 0 root1\_F66Atribute0 = 0 root1\_F67Atribute1 = 0 root1\_F67Atribute0 = 0 root1\_F68Atribute1 = 0 root1\_F68Atribute0 = 0 root1\_F69Atribute1 = 0 root1\_F69Atribute0 = 0 root1\_F25Atribute1 = 0 root1\_F25Atribute0 = 0 root1\_F74Atribute1 = 0 root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 0 root1\_F70Atribute0 = 0 root1\_F71Atribute1 = 0 root1\_F71Atribute0 = 0 root1\_F72Atribute1 = 0 root1\_F72Atribute0 = 0 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 19 root1\_F102Atribute0 = 31 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 99 root1\_F104Atribute0 = 37 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 46 root1\_F10Atribute0 = 91 root1\_F11Atribute1 = 30 root1\_F11Atribute0 = 34 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 root1\_F37Atribute0 = 0 root1\_F38Atribute1 = 0 root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 87 root1\_F50Atribute0 = 1 root1\_F153Atribute1 = 50 root1\_F153Atribute0 = 88 root1\_F154Atribute1 = 38 root1\_F154Atribute0 = 34 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 74 root1\_F15Atribute0 = 78 root1\_F16Atribute1 = 17 root1\_F16Atribute0 = 66 root1\_F17Atribute1 = 92 root1\_F17Atribute0 = 24 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 82 root1\_F88Atribute0 = 30 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 7 root1\_F93Atribute0 = 30 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1639 totalAtribute1 = -2135 .

- Solution #7 found. Solver[Solver-0], 7 Solutions, Resolution time 0.123s, 35 Nodes (284.2 n/s), 11 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 1 feature\_root1\_F71 = 1 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 0 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 1 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 1 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 1 feature\_root1\_F71 = 1 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 0 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 1 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 1 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 0 root1\_F19Atribute0 = 0 root1\_F20Atribute1 = 0 root1\_F20Atribute0 = 0 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 0 root1\_F22Atribute0 = 0 root1\_F54Atribute1 = 0 root1\_F54Atribute0 = 0 root1\_F55Atribute1 = 0 root1\_F55Atribute0 = 0 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 0 root1\_F132Atribute0 = 0 root1\_F58Atribute1 = 0 root1\_F58Atribute0 = 0 root1\_F59Atribute1 = 0 root1\_F59Atribute0 = 0 root1\_F60Atribute1 = 0 root1\_F60Atribute0 = 0 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 0 root1\_F62Atribute0 = 0 root1\_F63Atribute1 = 0 root1\_F63Atribute0 = 0 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 root1\_F125Atribute0 = 0 root1\_F126Atribute1 = 0 root1\_F126Atribute0 = 0 root1\_F127Atribute1 = 0 root1\_F127Atribute0 = 0 root1\_F128Atribute1 = 0 root1\_F128Atribute0 = 0 root1\_F129Atribute1 = 0 root1\_F129Atribute0 = 0 root1\_F130Atribute1 = 0 root1\_F130Atribute0 = 0 root1\_F131Atribute1 = 0 root1\_F131Atribute0 = 0 root1\_F86Atribute1 = 0 root1\_F86Atribute0 = 0 root1\_F82Atribute1 = 0 root1\_F82Atribute0 = 0 root1\_F83Atribute1 = 0 root1\_F83Atribute0 = 0 root1\_F84Atribute1 = 0 root1\_F84Atribute0 = 0 root1\_F65Atribute1 = 0 root1\_F65Atribute0 = 0 root1\_F66Atribute1 = 0 root1\_F66Atribute0 = 0 root1\_F67Atribute1 = 0 root1\_F67Atribute0 = 0 root1\_F68Atribute1 = 0 root1\_F68Atribute0 = 0 root1\_F69Atribute1 = 0 root1\_F69Atribute0 = 0 root1\_F25Atribute1 = 0 root1\_F25Atribute0 = 0 root1\_F74Atribute1 = 0 root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 36 root1\_F70Atribute0 = 3 root1\_F71Atribute1 = 37 root1\_F71Atribute0 = 86 root1\_F72Atribute1 = 60 root1\_F72Atribute0 = 63 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 0 root1\_F101Atribute0 = 0 root1\_F102Atribute1 = 19 root1\_F102Atribute0 = 31 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 99 root1\_F104Atribute0 = 37 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 46 root1\_F10Atribute0 = 91 root1\_F11Atribute1 = 30 root1\_F11Atribute0 = 34 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 root1\_F37Atribute0 = 0 root1\_F38Atribute1 = 0 root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 87 root1\_F50Atribute0 = 1 root1\_F153Atribute1 = 50 root1\_F153Atribute0 = 88 root1\_F154Atribute1 = 38 root1\_F154Atribute0 = 34 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 74 root1\_F15Atribute0 = 78 root1\_F16Atribute1 = 17 root1\_F16Atribute0 = 66 root1\_F17Atribute1 = 92 root1\_F17Atribute0 = 24 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 82 root1\_F88Atribute0 = 30 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 7 root1\_F93Atribute0 = 30 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1768 totalAtribute1 = -2247 .

- Solution #8 found. Solver[Solver-0], 8 Solutions, Resolution time 0.128s, 37 Nodes (289.0 n/s), 12 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 1 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 0 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 1 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 1 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 1 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 0 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 1 feature\_root1\_F51 = 1 feature\_root1\_F153 = 1 feature\_root1\_F154 = 1 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 1 feature\_root1\_F16 = 1 feature\_root1\_F17 = 1 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 1 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 1 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 0 root1\_F19Atribute0 = 0 root1\_F20Atribute1 = 0 root1\_F20Atribute0 = 0 root1\_F140Atribute1 = 0 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root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 36 root1\_F70Atribute0 = 3 root1\_F71Atribute1 = 0 root1\_F71Atribute0 = 0 root1\_F72Atribute1 = 60 root1\_F72Atribute0 = 63 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 0 root1\_F101Atribute0 = 0 root1\_F102Atribute1 = 19 root1\_F102Atribute0 = 31 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 99 root1\_F104Atribute0 = 37 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 46 root1\_F10Atribute0 = 91 root1\_F11Atribute1 = 30 root1\_F11Atribute0 = 34 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 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= 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 7 root1\_F93Atribute0 = 30 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1682 totalAtribute1 = -2210 .

- Solution #9 found. Solver[Solver-0], 9 Solutions, Resolution time 0.133s, 38 Nodes (286.3 n/s), 13 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 0 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 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feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 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root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 0 root1\_F22Atribute0 = 0 root1\_F54Atribute1 = 0 root1\_F54Atribute0 = 0 root1\_F55Atribute1 = 0 root1\_F55Atribute0 = 0 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 0 root1\_F132Atribute0 = 0 root1\_F58Atribute1 = 0 root1\_F58Atribute0 = 0 root1\_F59Atribute1 = 0 root1\_F59Atribute0 = 0 root1\_F60Atribute1 = 0 root1\_F60Atribute0 = 0 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 0 root1\_F62Atribute0 = 0 root1\_F63Atribute1 = 0 root1\_F63Atribute0 = 0 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 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root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 0 root1\_F70Atribute0 = 0 root1\_F71Atribute1 = 0 root1\_F71Atribute0 = 0 root1\_F72Atribute1 = 60 root1\_F72Atribute0 = 63 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 0 root1\_F101Atribute0 = 0 root1\_F102Atribute1 = 19 root1\_F102Atribute0 = 31 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 99 root1\_F104Atribute0 = 37 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 46 root1\_F10Atribute0 = 91 root1\_F11Atribute1 = 30 root1\_F11Atribute0 = 34 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 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= 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 7 root1\_F93Atribute0 = 30 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1679 totalAtribute1 = -2174 .

- Solution #10 found. Solver[Solver-0], 10 Solutions, Resolution time 0.141s, 40 Nodes (283.6 n/s), 16 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 0 feature\_root1\_F18 = 0 feature\_root1\_F19 = 0 feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 1 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 0 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 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feature\_root1\_F20 = 0 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 0 feature\_root1\_F23 = 0 feature\_root1\_F54 = 0 feature\_root1\_F55 = 0 feature\_root1\_F56 = 0 feature\_root1\_F57 = 0 feature\_root1\_F132 = 0 feature\_root1\_F58 = 0 feature\_root1\_F59 = 0 feature\_root1\_F60 = 0 feature\_root1\_F24 = 0 feature\_root1\_F61 = 0 feature\_root1\_F62 = 0 feature\_root1\_F63 = 0 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 0 feature\_root1\_F66 = 0 feature\_root1\_F67 = 0 feature\_root1\_F68 = 0 feature\_root1\_F69 = 0 feature\_root1\_F25 = 0 feature\_root1\_F26 = 0 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 1 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 0 feature\_root1\_F102 = 1 feature\_root1\_F103 = 1 feature\_root1\_F104 = 1 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 1 feature\_root1\_F11 = 1 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 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root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 root1\_F37Atribute0 = 0 root1\_F38Atribute1 = 0 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= 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 7 root1\_F93Atribute0 = 30 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1619 totalAtribute1 = -2150 .

\*\* Choco 3.3.3 (2015-12) : Constraint Programming Solver, Copyleft (c) 2010-2015

- Solver[Solver-0] features:

Variables : 2733

Constraints : 2998

Default search strategy : no

Completed search strategy : no

- Incomplete search - Limit reached.

Solver[Solver-0]

Solutions: 10

Building time : 0.150s

Resolution time : 0.153s

Nodes: 40 (260.6 n/s)

Backtracks: 16

Fails: 0

Restarts: 0

Variables: 2,733

Constraints: 2,998

Ended at: 1490170682432

Total time: 205

# Heuristic 2

Started at: 1490175642732

- Solution #1 found. Solver[Solver-0], 1 Solutions, Resolution time 0.063s, 32 Nodes (508.1 n/s), 0 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 root1\_F125Atribute0 = 0 root1\_F126Atribute1 = 0 root1\_F126Atribute0 = 0 root1\_F127Atribute1 = 0 root1\_F127Atribute0 = 0 root1\_F128Atribute1 = 0 root1\_F128Atribute0 = 0 root1\_F129Atribute1 = 0 root1\_F129Atribute0 = 0 root1\_F130Atribute1 = 0 root1\_F130Atribute0 = 0 root1\_F131Atribute1 = 0 root1\_F131Atribute0 = 0 root1\_F86Atribute1 = 0 root1\_F86Atribute0 = 0 root1\_F82Atribute1 = 0 root1\_F82Atribute0 = 0 root1\_F83Atribute1 = 0 root1\_F83Atribute0 = 0 root1\_F84Atribute1 = 0 root1\_F84Atribute0 = 0 root1\_F65Atribute1 = 32 root1\_F65Atribute0 = 80 root1\_F66Atribute1 = 0 root1\_F66Atribute0 = 0 root1\_F67Atribute1 = 30 root1\_F67Atribute0 = 0 root1\_F68Atribute1 = 81 root1\_F68Atribute0 = 77 root1\_F69Atribute1 = 0 root1\_F69Atribute0 = 0 root1\_F25Atribute1 = 26 root1\_F25Atribute0 = 52 root1\_F74Atribute1 = 0 root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 0 root1\_F70Atribute0 = 0 root1\_F71Atribute1 = 0 root1\_F71Atribute0 = 0 root1\_F72Atribute1 = 0 root1\_F72Atribute0 = 0 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 0 root1\_F105Atribute0 = 0 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 root1\_F37Atribute0 = 0 root1\_F38Atribute1 = 0 root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1906 totalAtribute1 = -2021 .

- Solution #2 found. Solver[Solver-0], 2 Solutions, Resolution time 0.099s, 33 Nodes (332.3 n/s), 1 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 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root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 0 root1\_F70Atribute0 = 0 root1\_F71Atribute1 = 37 root1\_F71Atribute0 = 86 root1\_F72Atribute1 = 0 root1\_F72Atribute0 = 0 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 0 root1\_F105Atribute0 = 0 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 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root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1992 totalAtribute1 = -2058 .

- Solution #3 found. Solver[Solver-0], 3 Solutions, Resolution time 0.110s, 36 Nodes (328.2 n/s), 3 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 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feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 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root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 root1\_F125Atribute0 = 0 root1\_F126Atribute1 = 0 root1\_F126Atribute0 = 0 root1\_F127Atribute1 = 0 root1\_F127Atribute0 = 0 root1\_F128Atribute1 = 0 root1\_F128Atribute0 = 0 root1\_F129Atribute1 = 0 root1\_F129Atribute0 = 0 root1\_F130Atribute1 = 0 root1\_F130Atribute0 = 0 root1\_F131Atribute1 = 0 root1\_F131Atribute0 = 0 root1\_F86Atribute1 = 0 root1\_F86Atribute0 = 0 root1\_F82Atribute1 = 0 root1\_F82Atribute0 = 0 root1\_F83Atribute1 = 0 root1\_F83Atribute0 = 0 root1\_F84Atribute1 = 0 root1\_F84Atribute0 = 0 root1\_F65Atribute1 = 32 root1\_F65Atribute0 = 80 root1\_F66Atribute1 = 0 root1\_F66Atribute0 = 0 root1\_F67Atribute1 = 30 root1\_F67Atribute0 = 0 root1\_F68Atribute1 = 81 root1\_F68Atribute0 = 77 root1\_F69Atribute1 = 0 root1\_F69Atribute0 = 0 root1\_F25Atribute1 = 26 root1\_F25Atribute0 = 52 root1\_F74Atribute1 = 0 root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 0 root1\_F70Atribute0 = 0 root1\_F71Atribute1 = 0 root1\_F71Atribute0 = 0 root1\_F72Atribute1 = 0 root1\_F72Atribute0 = 0 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 0 root1\_F103Atribute0 = 0 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 root1\_F37Atribute0 = 0 root1\_F38Atribute1 = 0 root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1953 totalAtribute1 = -2080 .

- Solution #4 found. Solver[Solver-0], 4 Solutions, Resolution time 0.116s, 37 Nodes (319.9 n/s), 4 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 root1\_F125Atribute0 = 0 root1\_F126Atribute1 = 0 root1\_F126Atribute0 = 0 root1\_F127Atribute1 = 0 root1\_F127Atribute0 = 0 root1\_F128Atribute1 = 0 root1\_F128Atribute0 = 0 root1\_F129Atribute1 = 0 root1\_F129Atribute0 = 0 root1\_F130Atribute1 = 0 root1\_F130Atribute0 = 0 root1\_F131Atribute1 = 0 root1\_F131Atribute0 = 0 root1\_F86Atribute1 = 0 root1\_F86Atribute0 = 0 root1\_F82Atribute1 = 0 root1\_F82Atribute0 = 0 root1\_F83Atribute1 = 0 root1\_F83Atribute0 = 0 root1\_F84Atribute1 = 0 root1\_F84Atribute0 = 0 root1\_F65Atribute1 = 32 root1\_F65Atribute0 = 80 root1\_F66Atribute1 = 0 root1\_F66Atribute0 = 0 root1\_F67Atribute1 = 30 root1\_F67Atribute0 = 0 root1\_F68Atribute1 = 81 root1\_F68Atribute0 = 77 root1\_F69Atribute1 = 0 root1\_F69Atribute0 = 0 root1\_F25Atribute1 = 26 root1\_F25Atribute0 = 52 root1\_F74Atribute1 = 0 root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 0 root1\_F70Atribute0 = 0 root1\_F71Atribute1 = 0 root1\_F71Atribute0 = 0 root1\_F72Atribute1 = 0 root1\_F72Atribute0 = 0 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 root1\_F37Atribute0 = 0 root1\_F38Atribute1 = 0 root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1981 totalAtribute1 = -2114 .

- Solution #5 found. Solver[Solver-0], 5 Solutions, Resolution time 0.124s, 39 Nodes (313.8 n/s), 6 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 root1\_F125Atribute0 = 0 root1\_F126Atribute1 = 0 root1\_F126Atribute0 = 0 root1\_F127Atribute1 = 0 root1\_F127Atribute0 = 0 root1\_F128Atribute1 = 0 root1\_F128Atribute0 = 0 root1\_F129Atribute1 = 0 root1\_F129Atribute0 = 0 root1\_F130Atribute1 = 0 root1\_F130Atribute0 = 0 root1\_F131Atribute1 = 0 root1\_F131Atribute0 = 0 root1\_F86Atribute1 = 0 root1\_F86Atribute0 = 0 root1\_F82Atribute1 = 0 root1\_F82Atribute0 = 0 root1\_F83Atribute1 = 0 root1\_F83Atribute0 = 0 root1\_F84Atribute1 = 0 root1\_F84Atribute0 = 0 root1\_F65Atribute1 = 32 root1\_F65Atribute0 = 80 root1\_F66Atribute1 = 0 root1\_F66Atribute0 = 0 root1\_F67Atribute1 = 30 root1\_F67Atribute0 = 0 root1\_F68Atribute1 = 81 root1\_F68Atribute0 = 77 root1\_F69Atribute1 = 0 root1\_F69Atribute0 = 0 root1\_F25Atribute1 = 26 root1\_F25Atribute0 = 52 root1\_F74Atribute1 = 0 root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 0 root1\_F70Atribute0 = 0 root1\_F71Atribute1 = 37 root1\_F71Atribute0 = 86 root1\_F72Atribute1 = 0 root1\_F72Atribute0 = 0 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 0 root1\_F103Atribute0 = 0 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 root1\_F37Atribute0 = 0 root1\_F38Atribute1 = 0 root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 2039 totalAtribute1 = -2117 .

- Solution #6 found. Solver[Solver-0], 6 Solutions, Resolution time 0.131s, 40 Nodes (306.2 n/s), 7 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 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root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 0 root1\_F70Atribute0 = 0 root1\_F71Atribute1 = 37 root1\_F71Atribute0 = 86 root1\_F72Atribute1 = 0 root1\_F72Atribute0 = 0 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 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root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 2067 totalAtribute1 = -2151 .

- Solution #7 found. Solver[Solver-0], 7 Solutions, Resolution time 0.136s, 43 Nodes (315.2 n/s), 11 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 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feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 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root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 root1\_F125Atribute0 = 0 root1\_F126Atribute1 = 0 root1\_F126Atribute0 = 0 root1\_F127Atribute1 = 0 root1\_F127Atribute0 = 0 root1\_F128Atribute1 = 0 root1\_F128Atribute0 = 0 root1\_F129Atribute1 = 0 root1\_F129Atribute0 = 0 root1\_F130Atribute1 = 0 root1\_F130Atribute0 = 0 root1\_F131Atribute1 = 0 root1\_F131Atribute0 = 0 root1\_F86Atribute1 = 0 root1\_F86Atribute0 = 0 root1\_F82Atribute1 = 0 root1\_F82Atribute0 = 0 root1\_F83Atribute1 = 0 root1\_F83Atribute0 = 0 root1\_F84Atribute1 = 0 root1\_F84Atribute0 = 0 root1\_F65Atribute1 = 32 root1\_F65Atribute0 = 80 root1\_F66Atribute1 = 0 root1\_F66Atribute0 = 0 root1\_F67Atribute1 = 30 root1\_F67Atribute0 = 0 root1\_F68Atribute1 = 81 root1\_F68Atribute0 = 77 root1\_F69Atribute1 = 0 root1\_F69Atribute0 = 0 root1\_F25Atribute1 = 26 root1\_F25Atribute0 = 52 root1\_F74Atribute1 = 0 root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 0 root1\_F70Atribute0 = 0 root1\_F71Atribute1 = 0 root1\_F71Atribute0 = 0 root1\_F72Atribute1 = 60 root1\_F72Atribute0 = 63 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 0 root1\_F103Atribute0 = 0 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 root1\_F37Atribute0 = 0 root1\_F38Atribute1 = 0 root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 2016 totalAtribute1 = -2140 .

- Solution #8 found. Solver[Solver-0], 8 Solutions, Resolution time 0.144s, 44 Nodes (306.3 n/s), 12 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 root1\_F125Atribute0 = 0 root1\_F126Atribute1 = 0 root1\_F126Atribute0 = 0 root1\_F127Atribute1 = 0 root1\_F127Atribute0 = 0 root1\_F128Atribute1 = 0 root1\_F128Atribute0 = 0 root1\_F129Atribute1 = 0 root1\_F129Atribute0 = 0 root1\_F130Atribute1 = 0 root1\_F130Atribute0 = 0 root1\_F131Atribute1 = 0 root1\_F131Atribute0 = 0 root1\_F86Atribute1 = 0 root1\_F86Atribute0 = 0 root1\_F82Atribute1 = 0 root1\_F82Atribute0 = 0 root1\_F83Atribute1 = 0 root1\_F83Atribute0 = 0 root1\_F84Atribute1 = 0 root1\_F84Atribute0 = 0 root1\_F65Atribute1 = 32 root1\_F65Atribute0 = 80 root1\_F66Atribute1 = 0 root1\_F66Atribute0 = 0 root1\_F67Atribute1 = 30 root1\_F67Atribute0 = 0 root1\_F68Atribute1 = 81 root1\_F68Atribute0 = 77 root1\_F69Atribute1 = 0 root1\_F69Atribute0 = 0 root1\_F25Atribute1 = 26 root1\_F25Atribute0 = 52 root1\_F74Atribute1 = 0 root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 0 root1\_F70Atribute0 = 0 root1\_F71Atribute1 = 37 root1\_F71Atribute0 = 86 root1\_F72Atribute1 = 60 root1\_F72Atribute0 = 63 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 0 root1\_F103Atribute0 = 0 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 root1\_F37Atribute0 = 0 root1\_F38Atribute1 = 0 root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 2102 totalAtribute1 = -2177 .

- Solution #9 found. Solver[Solver-0], 9 Solutions, Resolution time 0.149s, 47 Nodes (316.2 n/s), 14 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 root1\_F125Atribute0 = 0 root1\_F126Atribute1 = 0 root1\_F126Atribute0 = 0 root1\_F127Atribute1 = 0 root1\_F127Atribute0 = 0 root1\_F128Atribute1 = 0 root1\_F128Atribute0 = 0 root1\_F129Atribute1 = 0 root1\_F129Atribute0 = 0 root1\_F130Atribute1 = 0 root1\_F130Atribute0 = 0 root1\_F131Atribute1 = 0 root1\_F131Atribute0 = 0 root1\_F86Atribute1 = 0 root1\_F86Atribute0 = 0 root1\_F82Atribute1 = 0 root1\_F82Atribute0 = 0 root1\_F83Atribute1 = 0 root1\_F83Atribute0 = 0 root1\_F84Atribute1 = 0 root1\_F84Atribute0 = 0 root1\_F65Atribute1 = 32 root1\_F65Atribute0 = 80 root1\_F66Atribute1 = 0 root1\_F66Atribute0 = 0 root1\_F67Atribute1 = 30 root1\_F67Atribute0 = 0 root1\_F68Atribute1 = 81 root1\_F68Atribute0 = 77 root1\_F69Atribute1 = 0 root1\_F69Atribute0 = 0 root1\_F25Atribute1 = 26 root1\_F25Atribute0 = 52 root1\_F74Atribute1 = 0 root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 0 root1\_F70Atribute0 = 0 root1\_F71Atribute1 = 0 root1\_F71Atribute0 = 0 root1\_F72Atribute1 = 60 root1\_F72Atribute0 = 63 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 0 root1\_F105Atribute0 = 0 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 root1\_F37Atribute0 = 0 root1\_F38Atribute1 = 0 root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1969 totalAtribute1 = -2081 .

- Solution #10 found. Solver[Solver-0], 10 Solutions, Resolution time 0.153s, 48 Nodes (313.5 n/s), 15 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 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root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 0 root1\_F70Atribute0 = 0 root1\_F71Atribute1 = 0 root1\_F71Atribute0 = 0 root1\_F72Atribute1 = 60 root1\_F72Atribute0 = 63 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 root1\_F37Atribute0 = 0 root1\_F38Atribute1 = 0 root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 2044 totalAtribute1 = -2174 .

\*\* Choco 3.3.3 (2015-12) : Constraint Programming Solver, Copyleft (c) 2010-2015

- Solver[Solver-0] features:

Variables : 2733

Constraints : 2998

Default search strategy : no

Completed search strategy : no

- Incomplete search - Limit reached.

Solver[Solver-0]

Solutions: 10

Building time : 0.198s

Resolution time : 0.170s

Nodes: 48 (283.2 n/s)

Backtracks: 15

Fails: 0

Restarts: 0

Variables: 2,733

Constraints: 2,998

Ended at: 1490175642964

Total time: 232

# Heuristic 3

Started at: 1490182384742

- Solution #1 found. Solver[Solver-0], 1 Solutions, Resolution time 0.102s, 32 Nodes (313.8 n/s), 0 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 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root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1906 totalAtribute1 = -2021 .

- Solution #2 found. Solver[Solver-0], 2 Solutions, Resolution time 0.155s, 33 Nodes (212.6 n/s), 1 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 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feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 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= 86 root1\_F72Atribute1 = 0 root1\_F72Atribute0 = 0 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 0 root1\_F105Atribute0 = 0 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 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root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1992 totalAtribute1 = -2058 .

- Solution #3 found. Solver[Solver-0], 3 Solutions, Resolution time 0.173s, 36 Nodes (208.5 n/s), 3 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 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feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 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root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 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- Solution #4 found. Solver[Solver-0], 4 Solutions, Resolution time 0.187s, 37 Nodes (197.7 n/s), 4 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 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root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 root1\_F37Atribute0 = 0 root1\_F38Atribute1 = 0 root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1981 totalAtribute1 = -2114 .

- Solution #5 found. Solver[Solver-0], 5 Solutions, Resolution time 0.202s, 39 Nodes (192.7 n/s), 6 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 root1\_F125Atribute0 = 0 root1\_F126Atribute1 = 0 root1\_F126Atribute0 = 0 root1\_F127Atribute1 = 0 root1\_F127Atribute0 = 0 root1\_F128Atribute1 = 0 root1\_F128Atribute0 = 0 root1\_F129Atribute1 = 0 root1\_F129Atribute0 = 0 root1\_F130Atribute1 = 0 root1\_F130Atribute0 = 0 root1\_F131Atribute1 = 0 root1\_F131Atribute0 = 0 root1\_F86Atribute1 = 0 root1\_F86Atribute0 = 0 root1\_F82Atribute1 = 0 root1\_F82Atribute0 = 0 root1\_F83Atribute1 = 0 root1\_F83Atribute0 = 0 root1\_F84Atribute1 = 0 root1\_F84Atribute0 = 0 root1\_F65Atribute1 = 32 root1\_F65Atribute0 = 80 root1\_F66Atribute1 = 0 root1\_F66Atribute0 = 0 root1\_F67Atribute1 = 30 root1\_F67Atribute0 = 0 root1\_F68Atribute1 = 81 root1\_F68Atribute0 = 77 root1\_F69Atribute1 = 0 root1\_F69Atribute0 = 0 root1\_F25Atribute1 = 26 root1\_F25Atribute0 = 52 root1\_F74Atribute1 = 0 root1\_F74Atribute0 = 0 root1\_F2Atribute1 = 29 root1\_F2Atribute0 = 91 root1\_F70Atribute1 = 0 root1\_F70Atribute0 = 0 root1\_F71Atribute1 = 37 root1\_F71Atribute0 = 86 root1\_F72Atribute1 = 0 root1\_F72Atribute0 = 0 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 0 root1\_F103Atribute0 = 0 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 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root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 2039 totalAtribute1 = -2117 .

- Solution #6 found. Solver[Solver-0], 6 Solutions, Resolution time 0.213s, 40 Nodes (188.0 n/s), 7 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 0 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 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= 86 root1\_F72Atribute1 = 0 root1\_F72Atribute0 = 0 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 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root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 2067 totalAtribute1 = -2151 .

- Solution #7 found. Solver[Solver-0], 7 Solutions, Resolution time 0.224s, 43 Nodes (192.3 n/s), 11 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 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= 0 root1\_F72Atribute1 = 60 root1\_F72Atribute0 = 63 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 0 root1\_F103Atribute0 = 0 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 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root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 2016 totalAtribute1 = -2140 .

- Solution #8 found. Solver[Solver-0], 8 Solutions, Resolution time 0.238s, 44 Nodes (185.0 n/s), 12 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 1 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 0 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 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= 86 root1\_F72Atribute1 = 60 root1\_F72Atribute0 = 63 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 0 root1\_F103Atribute0 = 0 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 93 root1\_F105Atribute0 = 75 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 root1\_F87Atribute1 = 0 root1\_F87Atribute0 = 0 root1\_F33Atribute1 = 0 root1\_F33Atribute0 = 0 root1\_F147Atribute1 = 0 root1\_F147Atribute0 = 0 root1\_F148Atribute1 = 0 root1\_F148Atribute0 = 0 root1\_F149Atribute1 = 0 root1\_F149Atribute0 = 0 root1\_F150Atribute1 = 0 root1\_F150Atribute0 = 0 root1\_F151Atribute1 = 0 root1\_F151Atribute0 = 0 root1\_F152Atribute1 = 0 root1\_F152Atribute0 = 0 root1\_F96Atribute1 = 0 root1\_F96Atribute0 = 0 root1\_F97Atribute1 = 0 root1\_F97Atribute0 = 0 root1\_F119Atribute1 = 0 root1\_F119Atribute0 = 0 root1\_F120Atribute1 = 0 root1\_F120Atribute0 = 0 root1\_F121Atribute1 = 0 root1\_F121Atribute0 = 0 root1\_F122Atribute1 = 0 root1\_F122Atribute0 = 0 root1\_F123Atribute1 = 0 root1\_F123Atribute0 = 0 root1\_F99Atribute1 = 0 root1\_F99Atribute0 = 0 root1\_F37Atribute1 = 0 root1\_F37Atribute0 = 0 root1\_F38Atribute1 = 0 root1\_F38Atribute0 = 0 root1\_F39Atribute1 = 0 root1\_F39Atribute0 = 0 root1\_F159Atribute1 = 0 root1\_F159Atribute0 = 0 root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 2102 totalAtribute1 = -2177 .

- Solution #9 found. Solver[Solver-0], 9 Solutions, Resolution time 0.249s, 47 Nodes (188.8 n/s), 14 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 0 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 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= 0 root1\_F72Atribute1 = 60 root1\_F72Atribute0 = 63 root1\_F100Atribute1 = 85 root1\_F100Atribute0 = 16 root1\_F101Atribute1 = 21 root1\_F101Atribute0 = 23 root1\_F102Atribute1 = 0 root1\_F102Atribute0 = 0 root1\_F103Atribute1 = 34 root1\_F103Atribute0 = 28 root1\_F104Atribute1 = 0 root1\_F104Atribute0 = 0 root1\_F105Atribute1 = 0 root1\_F105Atribute0 = 0 root1\_F106Atribute1 = 91 root1\_F106Atribute0 = 24 root1\_F107Atribute1 = 72 root1\_F107Atribute0 = 45 root1\_F108Atribute1 = 92 root1\_F108Atribute0 = 24 root1\_F4Atribute1 = 26 root1\_F4Atribute0 = 45 root1\_F8Atribute1 = 85 root1\_F8Atribute0 = 5 root1\_F9Atribute1 = 47 root1\_F9Atribute0 = 68 root1\_F10Atribute1 = 0 root1\_F10Atribute0 = 0 root1\_F11Atribute1 = 0 root1\_F11Atribute0 = 0 root1\_F27Atribute1 = 0 root1\_F27Atribute0 = 0 root1\_F28Atribute1 = 0 root1\_F28Atribute0 = 0 root1\_F29Atribute1 = 0 root1\_F29Atribute0 = 0 root1\_F30Atribute1 = 0 root1\_F30Atribute0 = 0 root1\_F31Atribute1 = 0 root1\_F31Atribute0 = 0 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root1\_F41Atribute1 = 0 root1\_F41Atribute0 = 0 root1\_F46Atribute1 = 0 root1\_F46Atribute0 = 0 root1\_F47Atribute1 = 0 root1\_F47Atribute0 = 0 root1\_F109Atribute1 = 0 root1\_F109Atribute0 = 0 root1\_F110Atribute1 = 0 root1\_F110Atribute0 = 0 root1\_F136Atribute1 = 0 root1\_F136Atribute0 = 0 root1\_F137Atribute1 = 0 root1\_F137Atribute0 = 0 root1\_F138Atribute1 = 0 root1\_F138Atribute0 = 0 root1\_F139Atribute1 = 0 root1\_F139Atribute0 = 0 root1\_F145Atribute1 = 0 root1\_F145Atribute0 = 0 root1\_F146Atribute1 = 0 root1\_F146Atribute0 = 0 root1\_F113Atribute1 = 0 root1\_F113Atribute0 = 0 root1\_F114Atribute1 = 0 root1\_F114Atribute0 = 0 root1\_F158Atribute1 = 0 root1\_F158Atribute0 = 0 root1\_F116Atribute1 = 0 root1\_F116Atribute0 = 0 root1\_F117Atribute1 = 0 root1\_F117Atribute0 = 0 root1\_F49Atribute1 = 0 root1\_F49Atribute0 = 0 root1\_F43Atribute1 = 0 root1\_F43Atribute0 = 0 root1\_F44Atribute1 = 0 root1\_F44Atribute0 = 0 root1\_F45Atribute1 = 0 root1\_F45Atribute0 = 0 root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 1969 totalAtribute1 = -2081 .

- Solution #10 found. Solver[Solver-0], 10 Solutions, Resolution time 0.256s, 48 Nodes (187.2 n/s), 15 Backtracks, 0 Fails, 0 Restarts

feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 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feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 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feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 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feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 feature\_root1\_root = 1 feature\_root1\_F1 = 1 feature\_root1\_F18 = 0 feature\_root1\_F19 = 1 feature\_root1\_F20 = 1 feature\_root1\_F21 = 0 feature\_root1\_F140 = 0 feature\_root1\_F141 = 0 feature\_root1\_F142 = 0 feature\_root1\_F143 = 0 feature\_root1\_F144 = 0 feature\_root1\_F22 = 1 feature\_root1\_F23 = 1 feature\_root1\_F54 = 1 feature\_root1\_F55 = 1 feature\_root1\_F56 = 0 feature\_root1\_F57 = 1 feature\_root1\_F132 = 1 feature\_root1\_F58 = 1 feature\_root1\_F59 = 1 feature\_root1\_F60 = 1 feature\_root1\_F24 = 1 feature\_root1\_F61 = 0 feature\_root1\_F62 = 1 feature\_root1\_F63 = 1 feature\_root1\_F64 = 0 feature\_root1\_F75 = 0 feature\_root1\_F76 = 0 feature\_root1\_F77 = 0 feature\_root1\_F118 = 0 feature\_root1\_F78 = 0 feature\_root1\_F79 = 0 feature\_root1\_F80 = 0 feature\_root1\_F81 = 0 feature\_root1\_F85 = 0 feature\_root1\_F124 = 0 feature\_root1\_F125 = 0 feature\_root1\_F126 = 0 feature\_root1\_F127 = 0 feature\_root1\_F128 = 0 feature\_root1\_F129 = 0 feature\_root1\_F130 = 0 feature\_root1\_F131 = 0 feature\_root1\_F86 = 0 feature\_root1\_F82 = 0 feature\_root1\_F83 = 0 feature\_root1\_F84 = 0 feature\_root1\_F65 = 1 feature\_root1\_F66 = 0 feature\_root1\_F67 = 1 feature\_root1\_F68 = 1 feature\_root1\_F69 = 0 feature\_root1\_F25 = 1 feature\_root1\_F26 = 1 feature\_root1\_F74 = 0 feature\_root1\_F2 = 1 feature\_root1\_F3 = 1 feature\_root1\_F70 = 0 feature\_root1\_F71 = 0 feature\_root1\_F72 = 1 feature\_root1\_F73 = 1 feature\_root1\_F100 = 1 feature\_root1\_F101 = 1 feature\_root1\_F102 = 0 feature\_root1\_F103 = 1 feature\_root1\_F104 = 0 feature\_root1\_F105 = 1 feature\_root1\_F106 = 1 feature\_root1\_F107 = 1 feature\_root1\_F108 = 1 feature\_root1\_F4 = 1 feature\_root1\_F5 = 1 feature\_root1\_F8 = 1 feature\_root1\_F9 = 1 feature\_root1\_F10 = 0 feature\_root1\_F11 = 0 feature\_root1\_F12 = 0 feature\_root1\_F27 = 0 feature\_root1\_F28 = 0 feature\_root1\_F29 = 0 feature\_root1\_F30 = 0 feature\_root1\_F31 = 0 feature\_root1\_F32 = 0 feature\_root1\_F87 = 0 feature\_root1\_F33 = 0 feature\_root1\_F34 = 0 feature\_root1\_F36 = 0 feature\_root1\_F95 = 0 feature\_root1\_F147 = 0 feature\_root1\_F148 = 0 feature\_root1\_F149 = 0 feature\_root1\_F150 = 0 feature\_root1\_F151 = 0 feature\_root1\_F152 = 0 feature\_root1\_F96 = 0 feature\_root1\_F97 = 0 feature\_root1\_F98 = 0 feature\_root1\_F119 = 0 feature\_root1\_F120 = 0 feature\_root1\_F121 = 0 feature\_root1\_F122 = 0 feature\_root1\_F123 = 0 feature\_root1\_F99 = 0 feature\_root1\_F37 = 0 feature\_root1\_F38 = 0 feature\_root1\_F39 = 0 feature\_root1\_F40 = 0 feature\_root1\_F53 = 0 feature\_root1\_F159 = 0 feature\_root1\_F41 = 0 feature\_root1\_F42 = 0 feature\_root1\_F46 = 0 feature\_root1\_F47 = 0 feature\_root1\_F48 = 0 feature\_root1\_F109 = 0 feature\_root1\_F110 = 0 feature\_root1\_F111 = 0 feature\_root1\_F136 = 0 feature\_root1\_F137 = 0 feature\_root1\_F138 = 0 feature\_root1\_F139 = 0 feature\_root1\_F112 = 0 feature\_root1\_F145 = 0 feature\_root1\_F146 = 0 feature\_root1\_F113 = 0 feature\_root1\_F114 = 0 feature\_root1\_F115 = 0 feature\_root1\_F158 = 0 feature\_root1\_F116 = 0 feature\_root1\_F117 = 0 feature\_root1\_F49 = 0 feature\_root1\_F43 = 0 feature\_root1\_F44 = 0 feature\_root1\_F45 = 0 feature\_root1\_F35 = 0 feature\_root1\_F13 = 1 feature\_root1\_F14 = 1 feature\_root1\_F50 = 0 feature\_root1\_F51 = 1 feature\_root1\_F153 = 0 feature\_root1\_F154 = 0 feature\_root1\_F155 = 1 feature\_root1\_F156 = 1 feature\_root1\_F157 = 1 feature\_root1\_F52 = 1 feature\_root1\_F133 = 1 feature\_root1\_F134 = 1 feature\_root1\_F135 = 1 feature\_root1\_F15 = 0 feature\_root1\_F16 = 0 feature\_root1\_F17 = 0 feature\_root1\_F6 = 1 feature\_root1\_F7 = 1 feature\_root1\_F88 = 0 feature\_root1\_F89 = 1 feature\_root1\_F90 = 1 feature\_root1\_F91 = 1 feature\_root1\_F92 = 1 feature\_root1\_F93 = 0 feature\_root1\_F94 = 1 root1\_F18Atribute1 = 0 root1\_F18Atribute0 = 0 root1\_F19Atribute1 = 72 root1\_F19Atribute0 = 64 root1\_F20Atribute1 = 15 root1\_F20Atribute0 = 61 root1\_F140Atribute1 = 0 root1\_F140Atribute0 = 0 root1\_F141Atribute1 = 0 root1\_F141Atribute0 = 0 root1\_F142Atribute1 = 0 root1\_F142Atribute0 = 0 root1\_F143Atribute1 = 0 root1\_F143Atribute0 = 0 root1\_F144Atribute1 = 0 root1\_F144Atribute0 = 0 root1\_F22Atribute1 = 51 root1\_F22Atribute0 = 69 root1\_F54Atribute1 = 32 root1\_F54Atribute0 = 96 root1\_F55Atribute1 = 12 root1\_F55Atribute0 = 76 root1\_F56Atribute1 = 0 root1\_F56Atribute0 = 0 root1\_F132Atribute1 = 69 root1\_F132Atribute0 = 61 root1\_F58Atribute1 = 61 root1\_F58Atribute0 = 39 root1\_F59Atribute1 = 49 root1\_F59Atribute0 = 93 root1\_F60Atribute1 = 1 root1\_F60Atribute0 = 44 root1\_F61Atribute1 = 0 root1\_F61Atribute0 = 0 root1\_F62Atribute1 = 74 root1\_F62Atribute0 = 47 root1\_F63Atribute1 = 15 root1\_F63Atribute0 = 27 root1\_F75Atribute1 = 0 root1\_F75Atribute0 = 0 root1\_F76Atribute1 = 0 root1\_F76Atribute0 = 0 root1\_F118Atribute1 = 0 root1\_F118Atribute0 = 0 root1\_F78Atribute1 = 0 root1\_F78Atribute0 = 0 root1\_F79Atribute1 = 0 root1\_F79Atribute0 = 0 root1\_F80Atribute1 = 0 root1\_F80Atribute0 = 0 root1\_F124Atribute1 = 0 root1\_F124Atribute0 = 0 root1\_F125Atribute1 = 0 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root1\_F35Atribute1 = 0 root1\_F35Atribute0 = 0 root1\_F13Atribute1 = 54 root1\_F13Atribute0 = 52 root1\_F50Atribute1 = 0 root1\_F50Atribute0 = 0 root1\_F153Atribute1 = 0 root1\_F153Atribute0 = 0 root1\_F154Atribute1 = 0 root1\_F154Atribute0 = 0 root1\_F155Atribute1 = 62 root1\_F155Atribute0 = 77 root1\_F156Atribute1 = 76 root1\_F156Atribute0 = 35 root1\_F157Atribute1 = 23 root1\_F157Atribute0 = 39 root1\_F133Atribute1 = 67 root1\_F133Atribute0 = 26 root1\_F134Atribute1 = 56 root1\_F134Atribute0 = 26 root1\_F135Atribute1 = 95 root1\_F135Atribute0 = 68 root1\_F15Atribute1 = 0 root1\_F15Atribute0 = 0 root1\_F16Atribute1 = 0 root1\_F16Atribute0 = 0 root1\_F17Atribute1 = 0 root1\_F17Atribute0 = 0 root1\_F6Atribute1 = 98 root1\_F6Atribute0 = 44 root1\_F88Atribute1 = 0 root1\_F88Atribute0 = 0 root1\_F89Atribute1 = 63 root1\_F89Atribute0 = 51 root1\_F90Atribute1 = 15 root1\_F90Atribute0 = 14 root1\_F91Atribute1 = 98 root1\_F91Atribute0 = 98 root1\_F92Atribute1 = 32 root1\_F92Atribute0 = 95 root1\_F93Atribute1 = 0 root1\_F93Atribute0 = 0 root1\_F94Atribute1 = 80 root1\_F94Atribute0 = 26 totalAtribute0 = 2044 totalAtribute1 = -2174 .

\*\* Choco 3.3.3 (2015-12) : Constraint Programming Solver, Copyleft (c) 2010-2015

- Solver[Solver-0] features:

Variables : 2733

Constraints : 2998

Default search strategy : no

Completed search strategy : no

- Incomplete search - Limit reached.

Solver[Solver-0]

Solutions: 10

Building time : 0.234s

Resolution time : 0.280s

Nodes: 48 (171.7 n/s)

Backtracks: 15

Fails: 0

Restarts: 0

Variables: 2,733

Constraints: 2,998

Ended at: 1490182385101

Total time: 359