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Feb 7 2023
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Boolean Identities Practice Andy 2hang 7
1. x(\overline{x}+y) 58 + 58 + AA2. say + \overline{x}y 5 + (8+A)(A)
  = x\bar{x} + xy\bar{y} + y\bar{y} + 4 = y(x + \bar{x}) (5 + 8)
 = xy (5+3)g + A = y(1)
                                                                (1)8 + A=y
3.(x+y)(x+y) 4. x+ yx
 = \overline{xy}(\overline{x} + y)
                                                                  (DA+8) = (5+9)(2+2) 8A+
                                                                       MAIST & (absorption)
 = \overline{xy} + \infty 0 \qquad 30 + 8\overline{A} =
 = 🔀
                                                                                                   6. sc/x + (xy)) 1 3 8 A
 5. (w+ x+y+z)y+8A
                                                                                                    = 20 (absorption)
= y (absorption)
                                                                         8. (\overline{\pi} + \overline{\pi})
7.\left(\infty+\overline{\infty}\right)
                                                                                                     =(\overline{x})
 = (1)
  = 0
                                                                                                    10. w(wzyz)
9. w + (wzyz)
                                                                                                     = \overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\overline{\over
= w (absorption)
                                                                                                     = W (absorption)
                                                                            = C(B+AB)
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