Mode-2 Expressions:

Predicate Size =7

1. Expression: a&b|(c|d)&(e&f|g&!c)&(!a|h)

Test cases: 251, 123, 254, 190, 187, 155, 159, 143, 191, 183, 153

1. Expression: !a|(b&c&d)&(e|f&!c&d)&g|!(b&e&h)|f

Test cases: 249, 121, 185, 251, 219, 235, 241, 253, 248

1. Expression: a&(!b|!c)&d|e&(a|c|f)&(a|c|!g&h)

Test cases: 223, 95, 247, 183, 215, 199, 255, 93, 89, 95, 92

1. Expression: a|(b|c|d&!e)&(f&!c)|(g|d)|e&!h

Test cases: 237, 109, 77, 13, 125, 108, 100, 73, 111

1. Expression: !a&(b|c|d)&(e|f&!c)|!(b&e)&(a|f|g)&(!g|h)

Test cases: 255, 127, 191, 118, 86, 30, 14, 247, 117, 113, 246, 244

1. Expression: (!a&b)|(!c|d)&(e&!c)|(a|d)|!e&!f|g|h

Test cases: 172, 44, 108, 12, 60, 40, 32, 36, 46, 45

1. Expression: !a&(b|c|!d)&(e|f|f&!g|!h)|!(b&e&g)&(c|f)|g

Test cases: 217, 89, 25, 249, 9, 81, 221, 219, 80

1. a|(!b|c|!d)&(d|!e|f|f&!a)|!(b&e)&(c|f)|!a&(!c|!e|!g&h)

Test cases: 235, 107, 43, 75, 123, 99, 111, 105, 104

1. (a|!b|c)&d|(e|f&!a)|!(b&f)&(c|f)&(!c|!e)|a|!g|h

Test cases: 210, 82, 18, 114, 2, 90, 86, 83, 80

1. (!a&b)|(c|!d)&(!e&!c)|(a|d)|!e&!c|f&!g|hl

Test cases: 174, 46, 110, 38, 6, 62, 14, 44, 40, 47