

## Questionário 1

①  $A = V, B = V, C = V, D = F, E = F$

$(\neg A \text{ or } \neg C) \text{ and } \neg D$

$(F \text{ or } F) \text{ and } V$   
 $F \text{ and } V$   
 $(F)$

$(\neg D \text{ or } A)$

$V \text{ or } V$   
 $(V)$

$(\neg D \text{ or } \neg B \text{ and } A)$

$(V \text{ or } F \text{ and } V)$   
 $V \text{ and } V$   
 $(V)$

②  $a = 10, b = 12, c = 15, d = 8, e = 1.5, f = 2.1$   
 $g = 50, h = 1.8, i = 0.5, j = 20$

2.1  $e * (b * c)$

$1.5 * (12 * 15)$   
 $1.5 * 180 = 270$

2.2  $(a + d) * (j / i)$

$(10 + 8) * (20 / 0.5)$   
 $18 * 40 = 720$

2.3  $b - a * g$

$12 - 10 * 50$   
 $12 - 500 = -488$

③  $a = 15, b = 8, c = 53, d = 10, e = 48, f = 24, g = 2$

$(a * b) >= 99$

$(15 * 8) >= 99$   
 $120 >= 99$

$(V)$

$(24 * f) == 288$

$(24 * 24) == 288$   
 $576 == 288$

$(F)$

$((c * b) + 55) >= 130$

$((53 * 8) + 55) >= 130$   
 $(424) + 55 >= 130$   
 $479 >= 130$

$(V)$

$(100 - 52 != e)$

$(100 - 52 != 48)$   
 $48 != 48$

$(F)$