TP 2 : Algo :

$a = 20$, $b = 5$, $c = -10$.

$d = 2$, $x = 12$, $y = 15$

1) $(5 \times x) + 2 \times ((3 \times b) + 4))$

$\hookrightarrow (5 \times 12) + 2 \times ((3 \times 5) + 4))$

$\hookrightarrow 60 + 2(3 \times 5) + 8$

$\hookrightarrow 60 + 30 + 8 = 98$. (V)

2) $(5 \times (x + 2) \times 3) \times (b + 4)$

$x = 12$

$b = 5$.

$(5 \times (12 + 2) \times 3) \times (5 + 4)$

$= (15(12 + 2)) \times (5 + 4)$

$\hookrightarrow (180 + 30) \times (5 + 4)$

$\hookrightarrow 900 + 720 + 150 + 120 = 1890$

(V) -

(3) a == (b = 5) = 0

(4) a += (x + 5)

= 20 + 17 = 37.

(1)

x = 12
a = 20

(5)

a ± (c x = (-d))

-10 b - 2 = 20.

-> (1)

c = -10
d = 2

(6) a mod d ++

- 20 mod 3

6 6 6

18

=> (1).

(7) a mod d ++ -> 4 ✓

(8) (x++) x (a + c)

= 13a + 13c

sc = 12

a = 37

c = two. 20

= 13 x 37 + 13 x 20

F 221 V

5)

$a = x(b<c) + y(b<c)$

$\Rightarrow 13 \times (5<20) + 15 \times 0$

$\Rightarrow 13 \times 1$

$a = 13$

10) $!(xc - d + c) \mid d$

$(13 - 2 + 20)$

$= (11 + 20)! \ldots$