

TP 2: 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20

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

$$d = 2, e = 12, f = 15$$

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

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

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

$$\Rightarrow 60 + 30 + 8 = \underline{\underline{98}} \quad \text{✓}$$

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

$$x = 12$$

$$\underline{\underline{b = 5}}$$

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

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

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

$$\Rightarrow 900 + 720 + 150 + 120 = \underline{\underline{1890}} \quad \text{✓}$$

$$(3) \quad a_c = (b - 5) = \underline{\underline{0}}$$

$$(4) \quad a_c + = (x + 5)$$

$$= 20 + 17 = 37.$$

(V)

$$x = 12$$

$$a_c = 20$$

(5)

$$a \neq (c \cdot d = (-d))$$

$$-10 \cdot 2 = -20$$

$$\rightarrow 1$$

$$c = -10$$

$$d = 2$$

$$(6) \quad a \bmod d + +$$

$$- \quad 20 \bmod 3$$

$$\begin{array}{ccc} 6 & 6 & 6 \\ \hline 18 \end{array}$$

$$\Rightarrow \textcircled{1} -$$

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$$\textcircled{7} - a \bmod d \rightarrow 1 \quad r$$

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$$\textcircled{8} \quad (x + t) \times (a + c)$$

$$= 13a + 13c$$

$$= 13 \times 37 + 13 \times 20$$

$xc = 12$   
 $a = 37$   
 $c = \text{the}$   
 $20$

$221$

 $\approx$

5-

$$O = x \times (b < c) + y \times ! (b < c)$$

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

$$\Rightarrow (13) \quad (0)$$

$$O_v = 13$$

$$(13) \mid (x - d + c) \mid d$$

$$(13 - 2 + 20)$$

$$= (11 + 20)! = 0$$



$$0 \sim 885 = (15)$$



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ex 4!

$$x \leftarrow y \leftarrow 6.$$

$$\text{Res} \leftarrow 6 + 6 = 12$$

$$\text{result} \leftarrow : x=6, y=6, \text{Res}=12.$$

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$$\text{Res} \leftarrow \underbrace{x++}_{7} + \underbrace{y}_{6}, \text{Res} = 12.$$

$$x = 7, y = 6.$$

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$$\text{Res} \leftarrow \underbrace{++x}_{8} + \underbrace{y}_{6} \rightarrow \text{Res} = 14$$

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$$\text{Res} \leftarrow \underbrace{x--}_{7} + \underbrace{y}_{6}, \text{Res} = 2$$

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$$\text{Res} \leftarrow \underbrace{--x}_{6} + \underbrace{y}_{6}, \text{Res} = 12$$

$$res \leftarrow \frac{14}{6} + \frac{4}{6}, \quad res = 12$$

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