

$$\square (1) 4.375 \div \square - 1.5 \times 2.75 = 2$$

$$4\frac{3}{8} \div \square - \frac{3}{2} \times 2\frac{3}{4} = 2$$

$$4\frac{3}{8} \div \square - \frac{33}{8} = 2$$

$$4\frac{3}{8} \div \square = \frac{49}{8}$$

$$\square = 4\frac{3}{8} \div \frac{49}{8}$$

$$= \frac{35}{8} \times \frac{8}{49}$$

$$= \frac{5}{7}$$

特待B

$$(2) \quad 729 \times \boxed{556} + \textcircled{666} \times 180 \\ + \boxed{556} \times 270 + 486 \times \textcircled{666}$$

$$= 556 \times (729 + 270) \\ + 666 \times (180 + 486)$$

$$= 556 \times 999 + 666 \times 666$$

$$= (555 + 1) \times 999 + 666 \times 666$$

$$= 555 \times 999 + 999 + 666 \times 666$$

$$= 999 + 111 \times 111 \times (5 \times 9 + 6 \times 6)$$

$$= 999 + 111 \times 111 \times 81$$

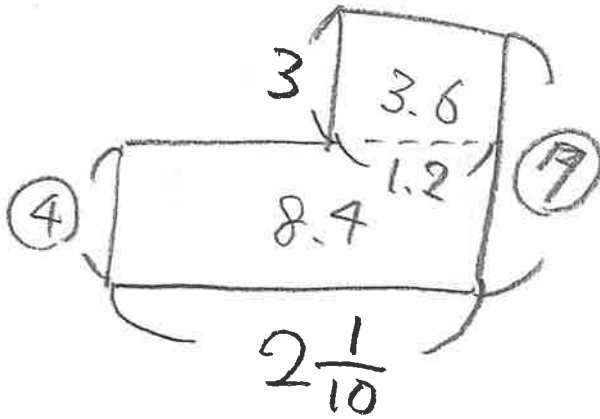
$$= 999 + 999 \times 999$$

$$= 999 \times (1 + 999)$$

$$= \boxed{999000}$$

$$(5) A \times 3 = B \times 4 = \textcircled{12} \dots \text{全}$$

$$A = \textcircled{4} \quad B = \textcircled{3}$$



$$2.1 - 1.2 = 0.9 \text{ 小時} = \boxed{54 \text{ 分}}$$

$$(6) 120 \div \frac{2}{5} = 300$$

$$300 \div \frac{3}{4} = 400$$

$$400 \div \frac{5}{6} = \boxed{480}$$

(3) 300 m の行きと帰りの時間

$$\frac{300}{60} + \frac{300}{100} = 8 \text{ 分}$$

平均速度

$$\frac{300 \times 2}{8} = \boxed{75 \text{ km/h}}$$

$$(4) 1 \text{ au} = \frac{16}{10000000} \text{ ly}$$

$$1 \text{ ly} = \frac{10000000}{16} \text{ au}$$

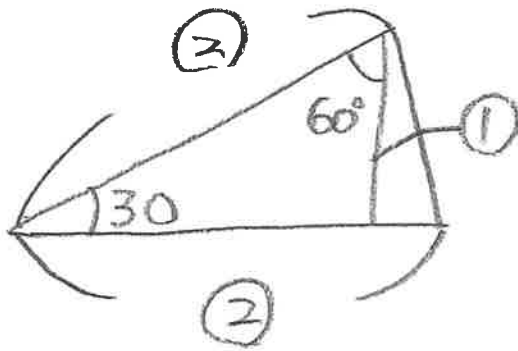
$$4.2 \text{ ly} = \frac{10000000}{16} \times 4.2$$

$$= 1000 \times 125 \times 4.2$$

$$= \boxed{262500} \text{ au}$$

$$(9) \quad \cancel{3} \times 4 \times \frac{1}{2} \times \frac{3+2+6}{\cancel{3}} = \boxed{22 \text{ cm}^3}$$

(10)



$$120 \div 12 = 10 \text{ cm}^2$$

$$\textcircled{2} \times \textcircled{1} \times \frac{1}{2} = 10$$

$$\textcircled{1} \times \textcircled{1} = 10$$

$$\underline{\textcircled{2}} \times \underline{\textcircled{2}} \times 3.14 = 40 \times 3.14$$

$$= \boxed{125.6 \text{ cm}^2}$$

$$\textcircled{1} \times 2 \times \textcircled{1} \times 2$$

(7)

柿 + 柿² + 皿 計

$$\textcircled{4} \times 0.3 + \textcircled{3} \times 1 + 10g = 220g.$$

$$\textcircled{1.2} + \textcircled{3} = 210$$

$$\textcircled{4.2} = 210$$

$$\textcircled{1} = 50$$

$$\textcircled{7} = \boxed{350}$$

(8) $1 \sim 9 \rightarrow 9 =$

$$10 \sim 99 \rightarrow (99 - 10 + 1) \times 2 = 180 \text{ } \square$$

$$100 \sim 999 \rightarrow (999 - 100 + 1) \times 3 = 2700 \text{ } \square$$

$$2025 - (9 + 180) = 1836$$

$$1836 \div 3 = 612 \text{ 番目の3けたの数.}$$

$$100 + 612 - 1 = 711$$

$$\boxed{1}$$

$$\boxed{2} (1) \triangle CPH = \triangle GPH = 1 \times \frac{1}{2} = 7$$

$$I = \boxed{14}$$

$$(2) P + I + U = 13 \times 2 = \boxed{26}$$

$$(3) P + I + U = 44 \times 2 = 88 \text{ (CEH)}$$

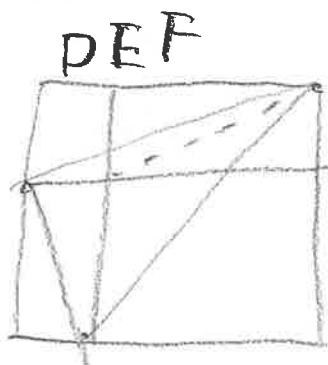
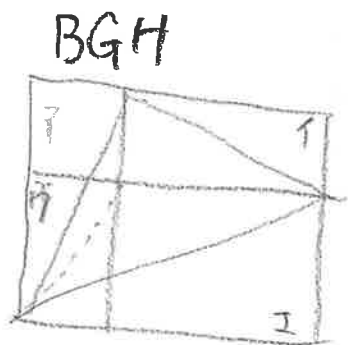
$$U + I + I = 76 \times 2 = 152 \text{ (AFG)}$$

$$P + I + I = 68 \times 2 = 136 \text{ (BGH)}$$

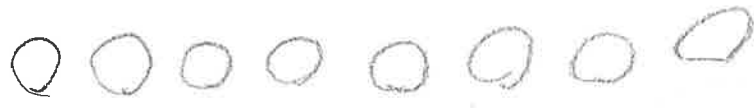
$$P + I + U = 64 \times 2 = 128 \text{ (DEF)}$$

$$(P + I + U + I) \times 3 = 504$$

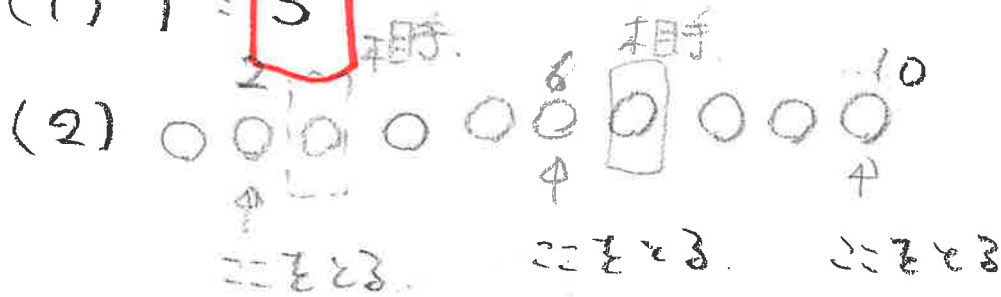
$$P + I + U + I = \boxed{168}$$



3



(1) $P = 3$



$16 \div 4 = 4 \dots 0$ 4個目をとる

$3 =$

(3) 6の倍数 \rightarrow 2022

$$\boxed{4} \quad A \times 7 = B \times 5 = \textcircled{35}$$

$$A = \textcircled{5} \quad B = \textcircled{7}$$

$$(1) \quad A = B = \boxed{5 = 7}$$

$$(2) \quad 35 \div (7+5) = \frac{35}{12} = 2 \frac{11}{12}$$

$$= \boxed{2 \text{分 } 55 \text{秒}}$$

$$(3) \quad 35 \div (7-5) = \frac{35}{2} = 17 \frac{1}{2}$$

$$= 17 \text{分 } 30 \text{秒}$$

$$\boxed{20 \text{分 } 25 \text{秒}}$$

$$(4) \quad \frac{35}{12} \times 5 = \frac{165}{12} = \frac{5}{12} \times 35 \quad \dots \textcircled{1}$$

$$\frac{35}{2} \times 5 = \frac{165}{2} = \frac{5}{2} \times 35 \quad \dots \textcircled{2}$$

$\frac{5}{12} \times \frac{5}{2}$ をくり返し、整数倍にする。

$$\textcircled{2} \text{ のおまじり} \quad \frac{5}{12} + \frac{5}{2} = \frac{7 \times 5}{12} \times ? \quad ? = 12.$$

$$\textcircled{1} \text{ のおまじり} \quad = \frac{7 \times 5}{12} \times ? + \frac{5}{12} \quad ? = 5.$$

$$\textcircled{1} \times 6 + \textcircled{2} \times 5 \text{ 分の2}$$

$$\frac{35}{12} \times 6 + \frac{35}{2} \times 5 = 35 \times 3 \text{ 分}$$

$$= 105 \text{ 分}$$

$$= \boxed{1 \text{ 時間 } 45 \text{ 分}}$$