

1. (1) $\frac{3}{20}$ (2) 14 (3) -22 (4) $-6a+7$

2. (1) $-4, -3, -2, 2, 3, 4$ (2) $(57+43) \times (-3.9)$
 $= 100 \times (-3.9)$
 $= -390$

(3) $\frac{7}{10}a (0.7a)$ (4) 式 $y = \frac{3}{2}x$ y の値 $\frac{9}{2}$

(5) 式 $y = -\frac{24}{x}$ y の値 -8

3. (1) $x = -3$ (2) $x = -4$ (3) $x = 5$ (4) $x = 2$

4. (7) ① 接線 ② 垂直

(1) ③ 多面体 ④ 正三角形 ⑤ 12

5. (1) 中心角 (2) $\widehat{AB}$

6. (1) $\angle, \angle, \angle, \angle$ (2) E, G (3) 辺 IH

7. (1) $24\pi \text{ cm}^2$ (2) 15 cm (3) $65\pi \text{ cm}^2$ (4) $36\pi \text{ cm}^2$

8. (1) 336 cm^2 (2) 192 cm^3

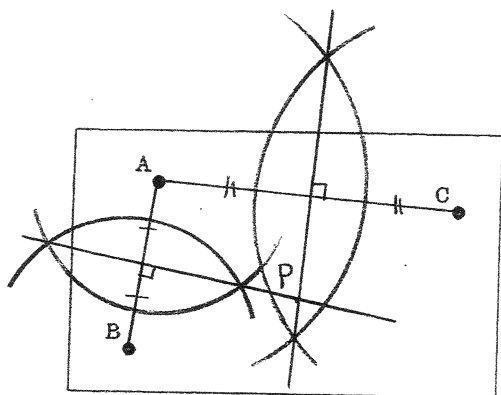
9. $96\pi \text{ cm}^3$

10. (1) 18 cm (2) $144\pi \text{ cm}^2$

11. (1) $\begin{array}{r} 700 \\ \times 1 \\ \hline \end{array}$ (2) $\begin{array}{r} 195 \\ \times 1 \\ \hline \end{array}$ (3) $\begin{array}{r} 3510 \\ \times 1 \\ \hline \end{array}$ (4) $\begin{array}{r} 5 \\ \times 1 \\ \hline \end{array}$

(2) $\begin{array}{r} 190\text{cm 以上 } 200\text{cm 未満} \\ \times 2 \\ \hline \end{array}$ (3) $\begin{array}{r} 195\text{cm} \\ \times 2 \\ \hline \end{array}$ (4) $\begin{array}{r} 195.9\text{cm} \\ \times 2 \\ \hline \end{array}$

12. (1)
x2



(2)

X.2

