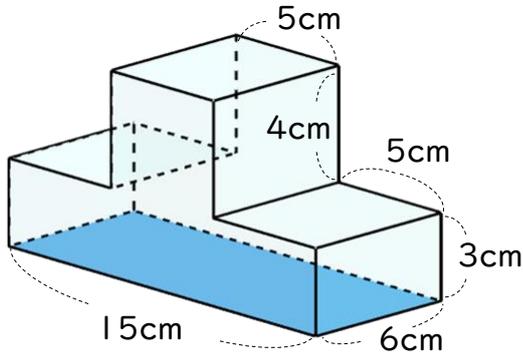


名まえ _____

・次の図のような立体の体積を求めましょう。(各25点)

①

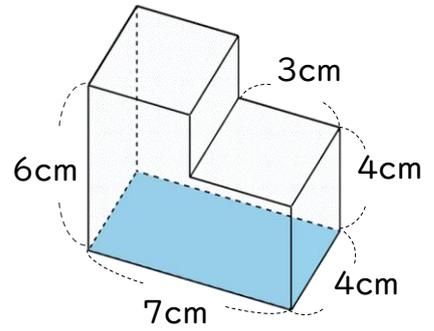


底面積：

体積：

答え： _____

③

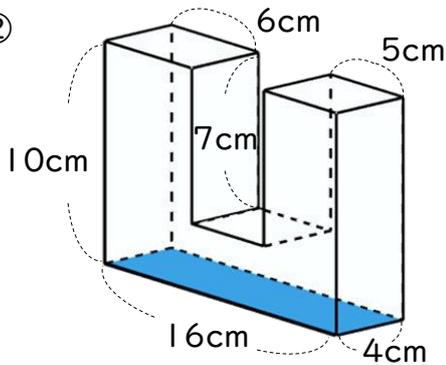


底面積：

体積：

答え： _____

②

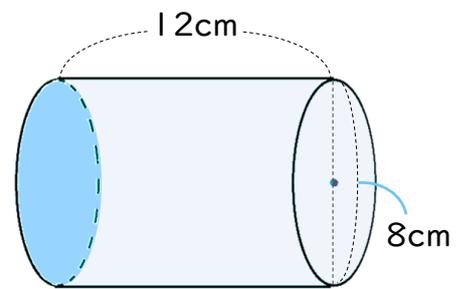


底面積：

体積：

答え： _____

④



円の半径は _____

cm

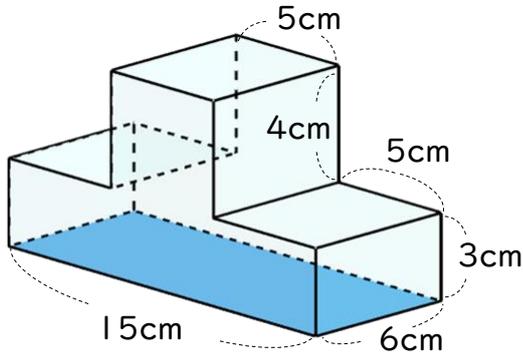
式：

答え： _____



・次の図のような立体の体積を求めましょう。(各25点)

①

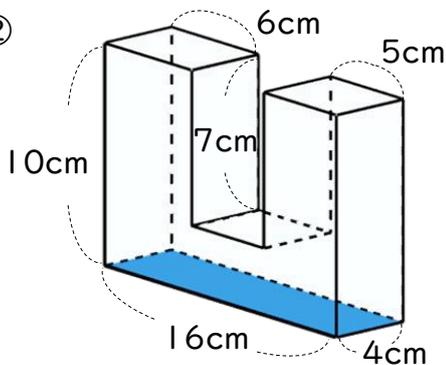


$$\begin{aligned} \text{底面積} &: 3 \times 5 + 7 \times 5 + 3 \times 5 \\ &= 15 + 35 + 15 \\ &= 65 \end{aligned}$$

$$\text{体積} : 65 \times 6 = 390$$

答え : 390 cm³

②

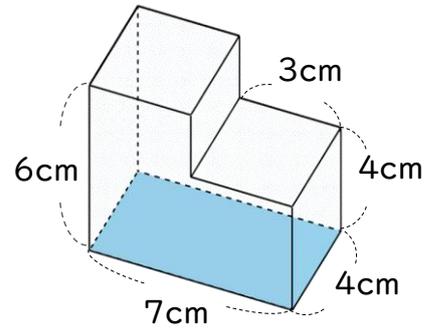


$$\begin{aligned} \text{底面積} &: 10 \times 6 + 3 \times 5 + 10 \times 5 \\ &= 60 + 15 + 50 \\ &= 125 \end{aligned}$$

$$\text{体積} : 125 \times 4 = 500$$

答え : 500 cm³

③

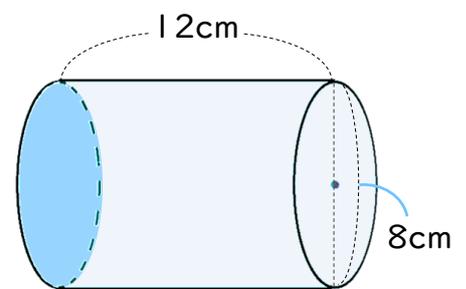


$$\begin{aligned} \text{底面積} &: 6 \times 4 + 4 \times 3 \\ &= 24 + 12 \\ &= 36 \end{aligned}$$

$$\text{体積} : 36 \times 4 = 144$$

答え : 144 cm³

④



$$\text{円の半径は } 8 \div 2 = 4 \text{ cm}$$

$$\begin{aligned} \text{式} &: 4 \times 4 \times 3.14 \times 12 \\ &= 4 \times 4 \times 12 \times 3.14 \\ &= 192 \times 3.14 \\ &= 602.88 \end{aligned}$$

答え : 602.88 cm³