

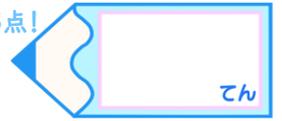


角柱・円柱の  
体積 5

15

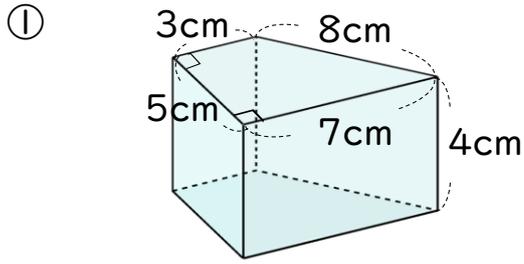
● 円柱の体積

目指せ75点!



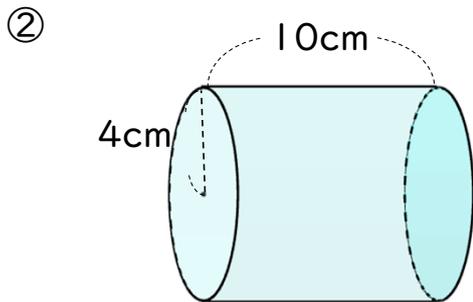
名まえ \_\_\_\_\_

・次の図のような角柱・円柱の体積を求めましょう。(各25点)



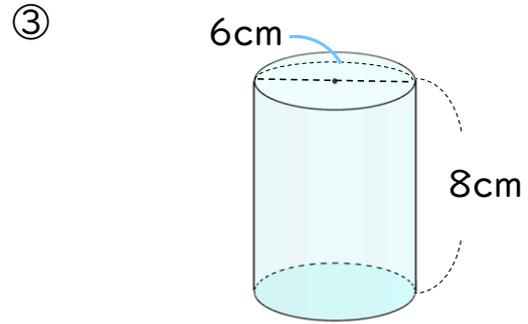
式：

答え： \_\_\_\_\_



式：

答え： \_\_\_\_\_

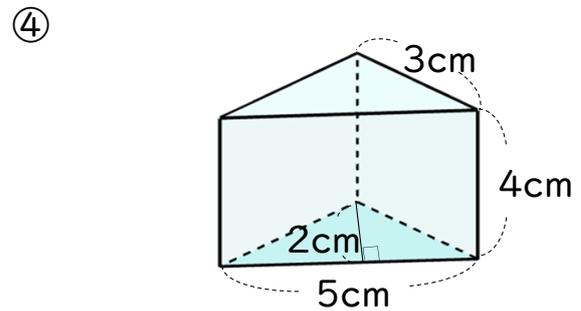


円の半径は \_\_\_\_\_

cm

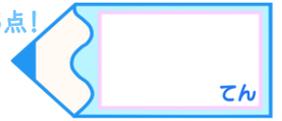
式：

答え： \_\_\_\_\_

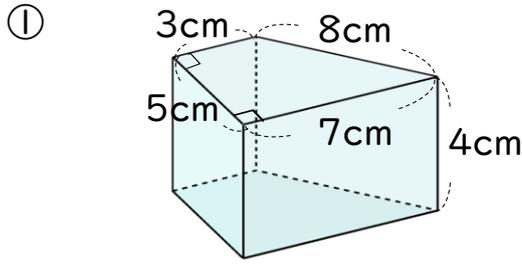


式：

答え： \_\_\_\_\_

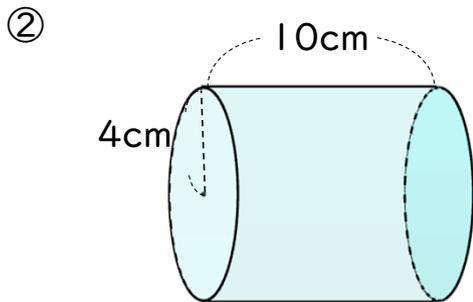


・次の図のような角柱・円柱の体積を求めましょう。(各25点)



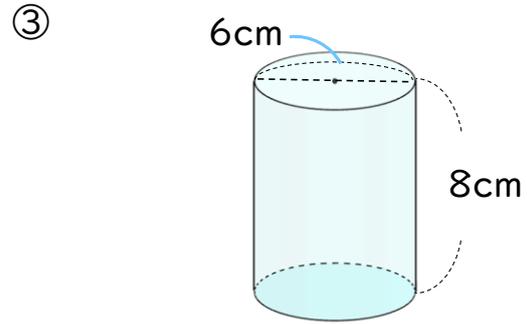
$$\begin{aligned} \text{式：} & (3+7) \times 5 \div 2 \times 4 \\ & = 10 \times 5 \div 2 \times 4 \\ & = 50 \div 2 \times 4 \\ & = 25 \times 4 \\ & = 100 \end{aligned}$$

答え： 100 cm<sup>3</sup>



$$\begin{aligned} \text{式：} & 4 \times 4 \times 3.14 \times 10 \\ & = 4 \times 4 \times 10 \times 3.14 \\ & = 160 \times 3.14 \\ & = 502.4 \end{aligned}$$

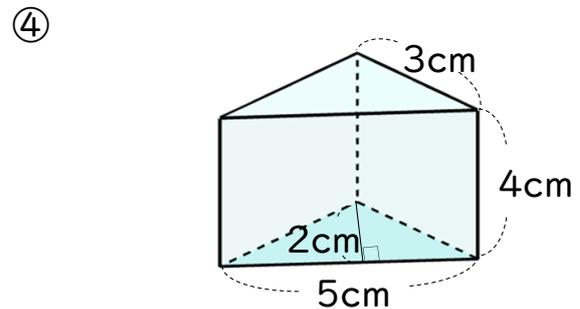
答え： 502.4 cm<sup>3</sup>



円の半径は  $6 \div 2 = 3$  cm

$$\begin{aligned} \text{式：} & 3 \times 3 \times 3.14 \times 8 \\ & = 3 \times 3 \times 8 \times 3.14 \\ & = 72 \times 3.14 \\ & = 226.08 \end{aligned}$$

答え： 226.08 cm<sup>3</sup>



$$\begin{aligned} \text{式：} & 5 \times 2 \div 2 \times 4 \\ & = 10 \div 2 \times 4 \\ & = 5 \times 4 \\ & = 20 \end{aligned}$$

答え： 20 cm<sup>3</sup>