



角柱・円柱の体積 6

● 底面が長方形2つ分な
角柱の体積

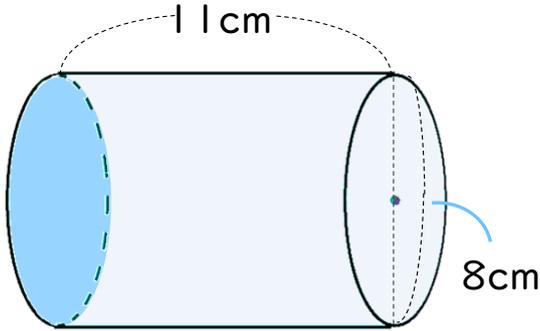
12

日にち： 月 日

名まえ _____

・ 次の図のような円柱の体積を求めましょう。

①

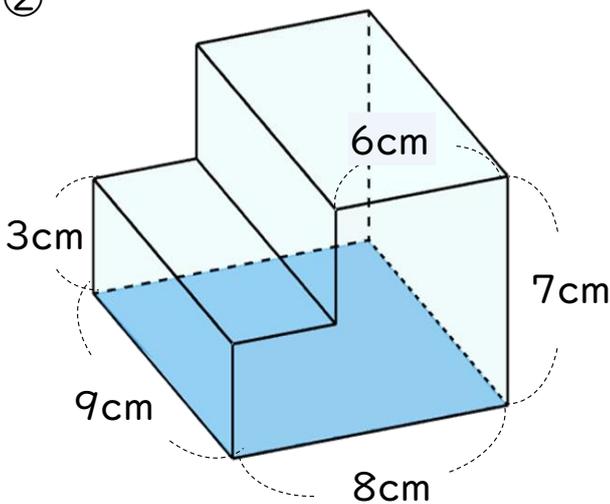


円の半径は $8 \div 2 = 4$ cm

$$\begin{aligned}
 \text{式：} & 4 \times 4 \times 3.14 \times 11 \\
 & = 4 \times 4 \times 11 \times 3.14 \\
 & = 176 \times 3.14 \\
 & = 552.64
 \end{aligned}$$

答え：552.64cm³

②

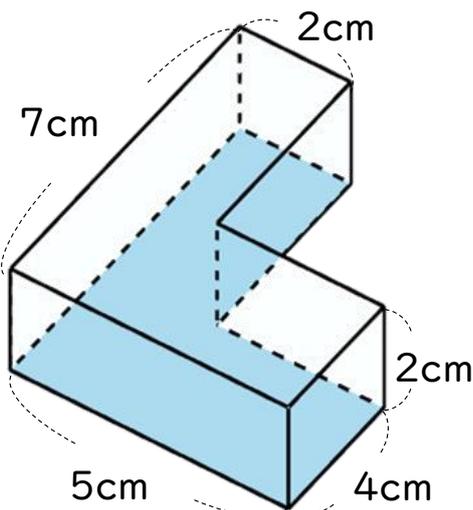


$$\begin{aligned}
 \text{底面積：} & 7 \times 6 + 3 \times 2 \\
 & = 42 + 6 \\
 & = 48
 \end{aligned}$$

体積： $48 \times 9 = 432$

答え：432 cm³

③



$$\begin{aligned}
 \text{底面積：} & 7 \times 2 + 4 \times 3 \\
 & = 14 + 12 \\
 & = 26
 \end{aligned}$$

体積： $26 \times 2 = 52$

答え：52 cm³

