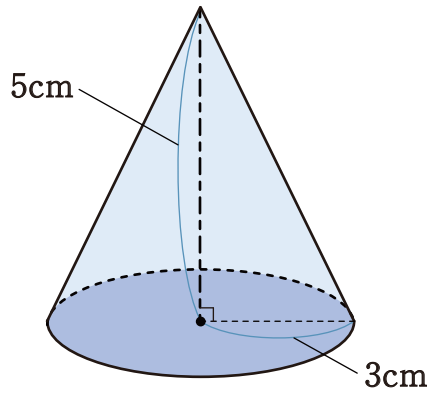
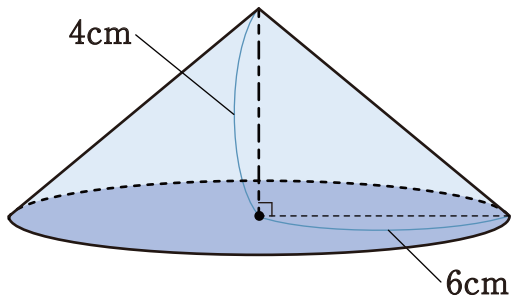


1 次の図形の体積を求めなさい。

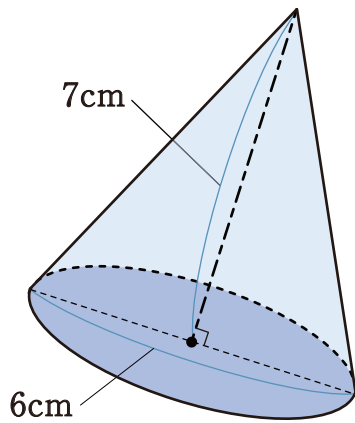
①



②

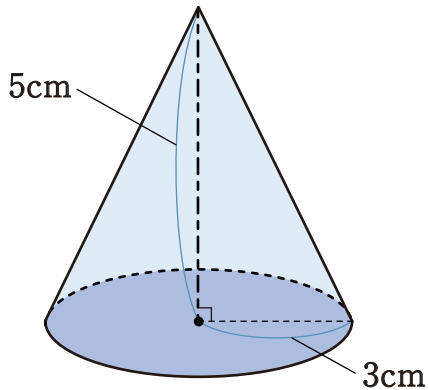


③



1 次の図形の体積を求めなさい。

①

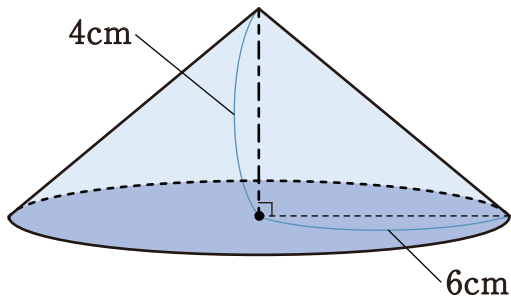


$$15 \pi \text{ cm}^3$$

$$\text{底面積は } \pi \times 3^2 = 9 \pi \text{ cm}^2$$

$$\text{体積は } \frac{1}{3} \times 9 \pi \times 5 = 15 \pi \text{ cm}^3$$

②

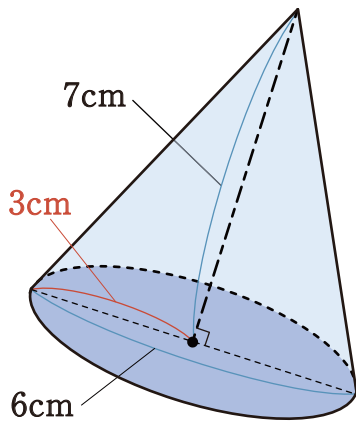


$$48 \pi \text{ cm}^3$$

$$\text{底面積は } \pi \times 6^2 = 36 \pi \text{ cm}^2$$

$$\text{体積は } \frac{1}{3} \times 36 \pi \times 4 = 48 \pi \text{ cm}^3$$

③



$$21 \pi \text{ cm}^3$$

$$\text{底面積は } \pi \times 3^2 = 9 \pi \text{ cm}^2$$

$$\text{体積は } \frac{1}{3} \times 9 \pi \times 7 = 21 \pi \text{ cm}^3$$