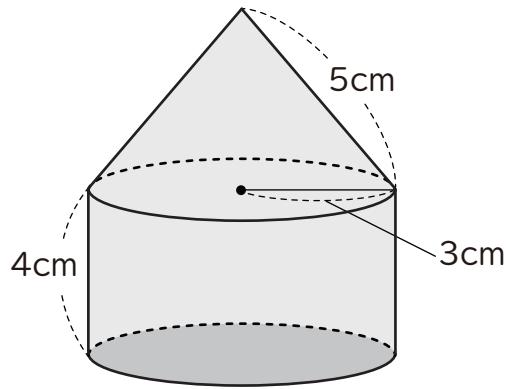


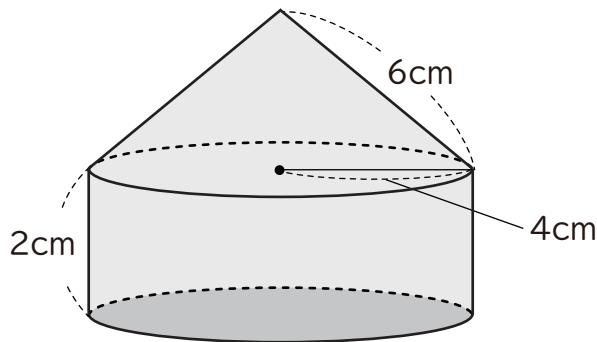
# 角すいや円すいの表面積

次の図形の表面積を求めましょう。

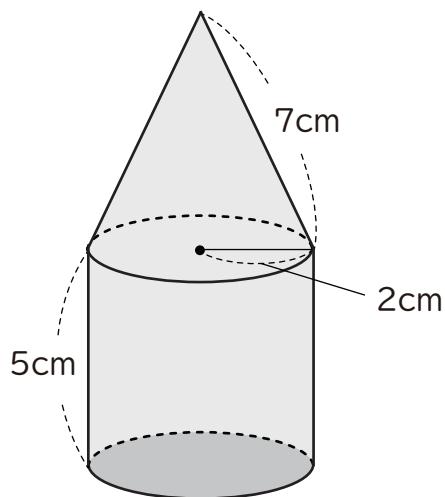
①



②



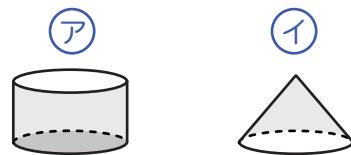
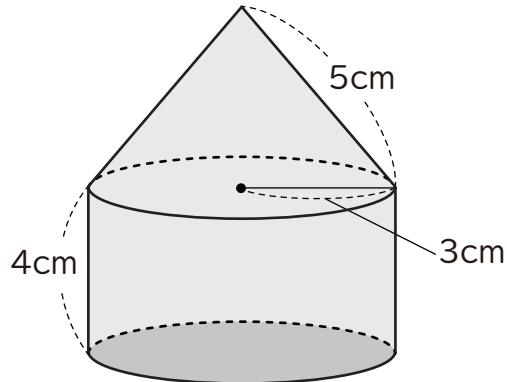
③



# 角すいや円すいの表面積

次の図形の表面積を求めましょう。

①



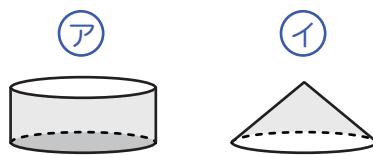
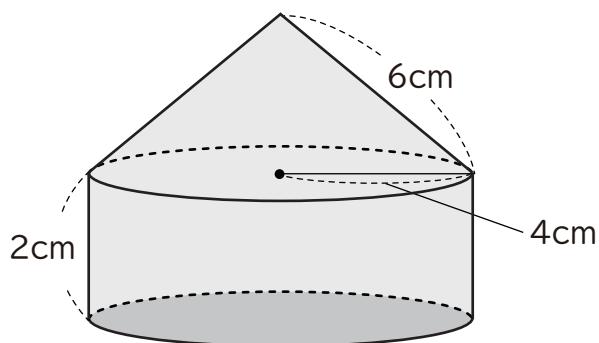
$$\pi \times 3^2 + 4 \times 2\pi \times 3 = 33\pi \quad \dots \text{ (ア)}$$

$$\frac{1}{2} \times (2\pi \times 3) \times 5 = 15\pi \quad \dots \text{ (イ)}$$

$$33\pi + 15\pi = 48\pi$$

$$\underline{48\pi \text{ cm}^2}$$

②



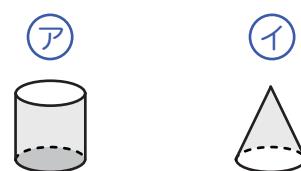
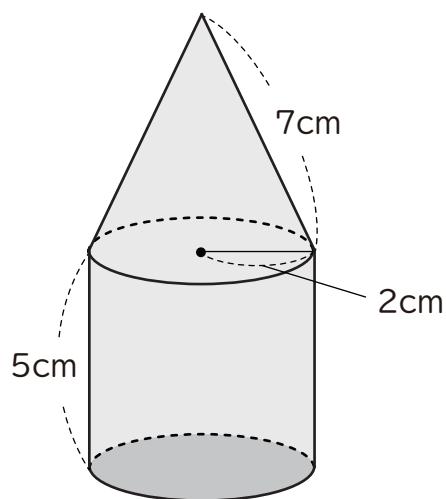
$$\pi \times 4^2 + 2 \times 2\pi \times 4 = 32\pi \quad \dots \text{ (ア)}$$

$$\frac{1}{2} \times (2\pi \times 4) \times 6 = 24\pi \quad \dots \text{ (イ)}$$

$$32\pi + 24\pi = 56\pi$$

$$\underline{56\pi \text{ cm}^2}$$

③



$$\pi \times 2^2 + 5 \times 2\pi \times 2 = 24\pi \quad \dots \text{ (ア)}$$

$$\frac{1}{2} \times (2\pi \times 2) \times 7 = 14\pi \quad \dots \text{ (イ)}$$

$$24\pi + 14\pi = 38\pi$$

$$\underline{38\pi \text{ cm}^2}$$