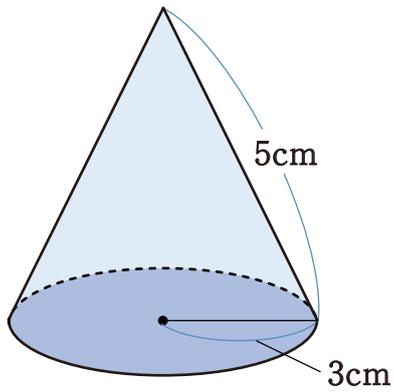
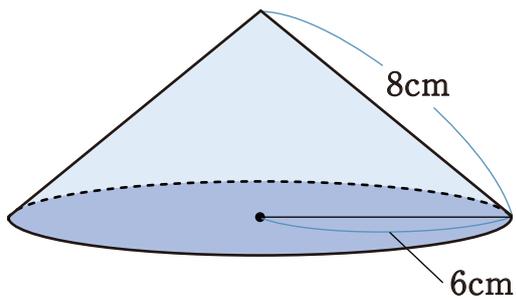


1 次の図形の表面積を求めなさい。

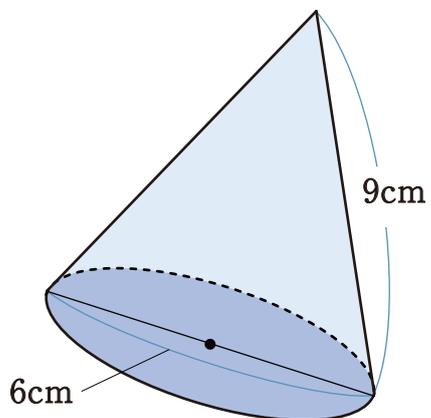
①



②

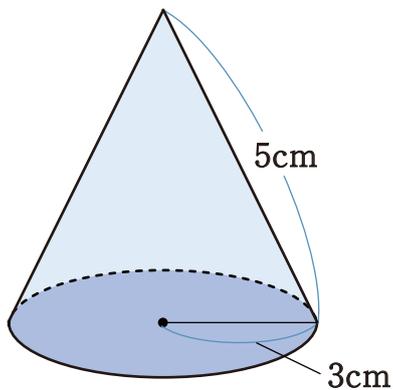


③



1 次の図形の表面積を求めなさい。

①



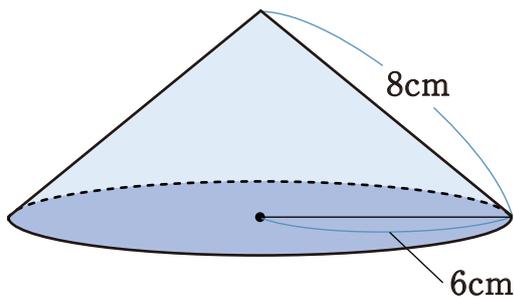
$$24 \pi \text{ cm}^2$$

$$\text{側面積は } \pi \times 5 \times 3 = 15 \pi \text{ cm}^2$$

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

$$\text{表面積は } 15 \pi + 9 \pi = 24 \pi \text{ cm}^2$$

②



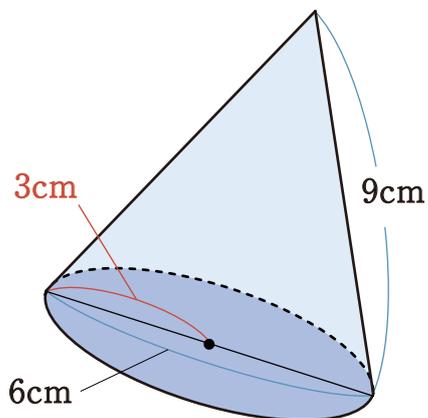
$$84 \pi \text{ cm}^2$$

$$\text{側面積は } \pi \times 8 \times 6 = 48 \pi \text{ cm}^2$$

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

$$\text{表面積は } 48 \pi + 36 \pi = 84 \pi \text{ cm}^2$$

③



$$36 \pi \text{ cm}^2$$

$$\text{側面積は } \pi \times 9 \times 3 = 27 \pi \text{ cm}^2$$

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

$$\text{表面積は } 27 \pi + 9 \pi = 36 \pi \text{ cm}^2$$