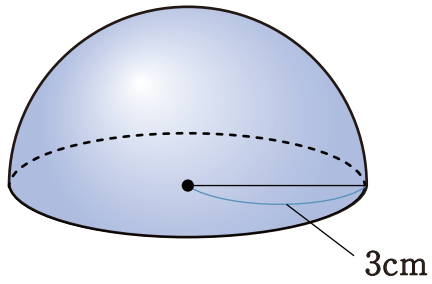
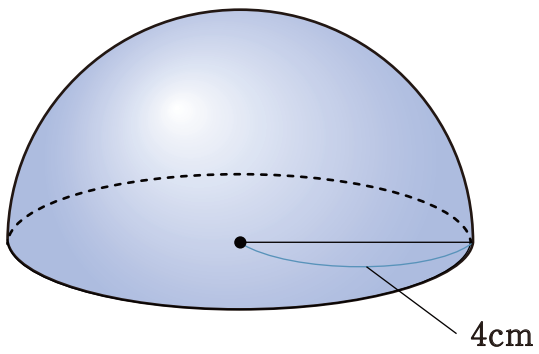


1 次の球の体積を求めなさい。

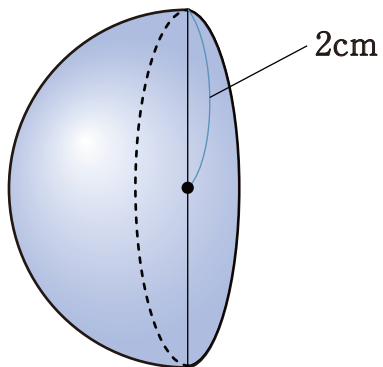
①



②

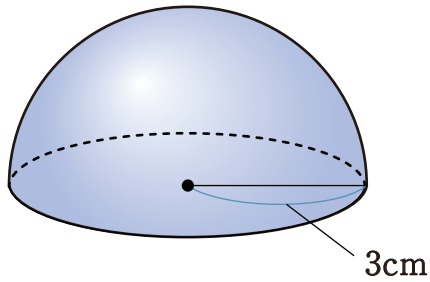


③



1 次の球の体積を求めなさい。

①

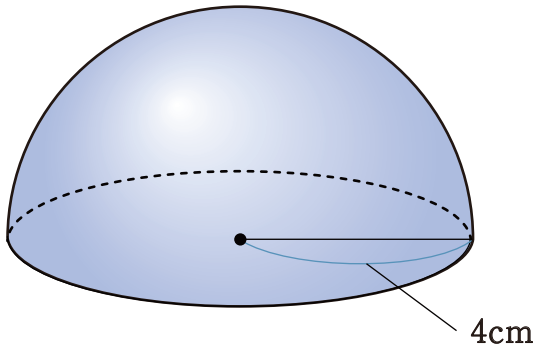


$$18 \pi \text{ cm}^3$$

球の体積の半分は

$$\frac{4}{3} \pi \times 3^3 \times \frac{1}{2} = 18 \pi \text{ cm}^3$$

②

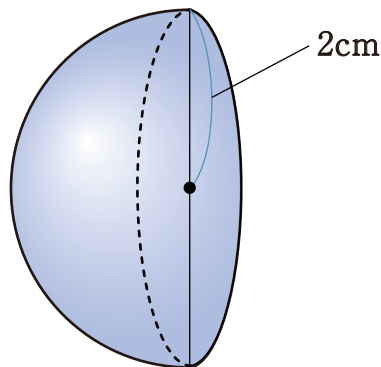


$$\frac{128}{3} \pi \text{ cm}^3$$

球の体積の半分は

$$\frac{4}{3} \pi \times 4^3 \times \frac{1}{2} = \frac{128}{3} \pi \text{ cm}^3$$

③



$$\frac{16}{3} \pi \text{ cm}^3$$

球の体積の半分は

$$\frac{4}{3} \pi \times 2^3 \times \frac{1}{2} = \frac{16}{3} \pi \text{ cm}^3$$