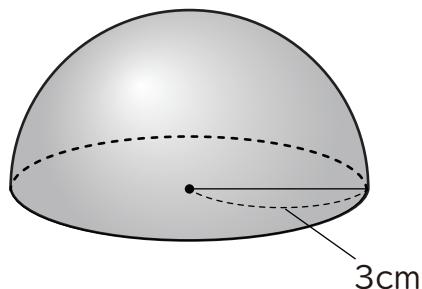


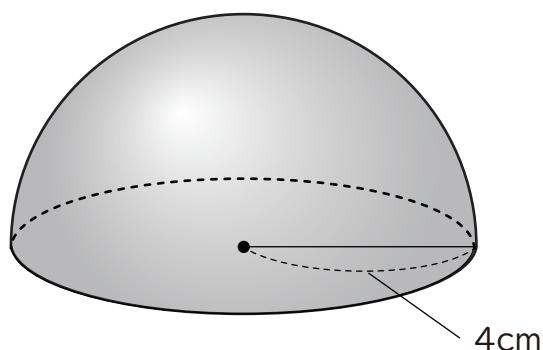
球の表面積

次の半球の表面積を求めましょう。

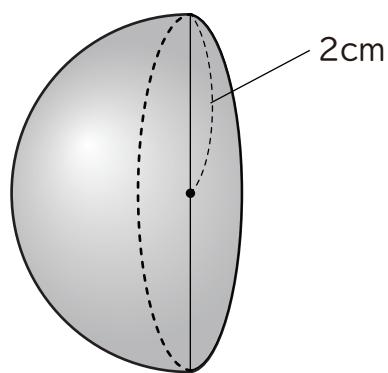
①



②



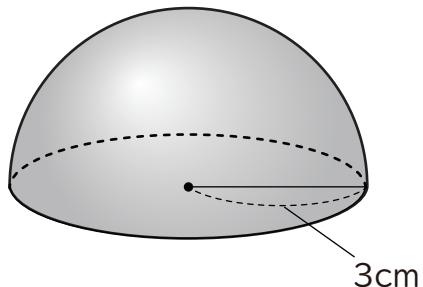
③



球の表面積

次の半球の表面積を求めましょう。

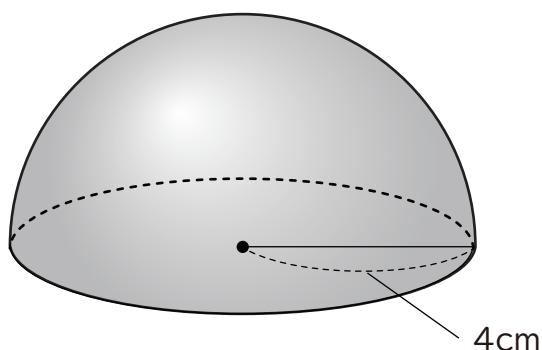
①



$$4\pi \times 3^2 \div 2 + \pi \times 3^2 = 27\pi$$

$27\pi \text{ cm}^2$

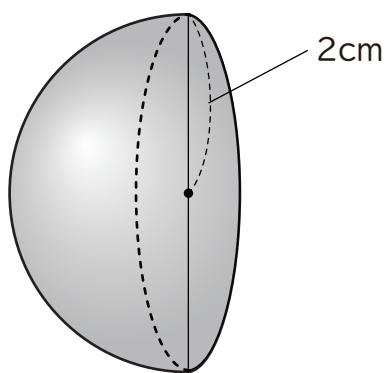
②



$$4\pi \times 4^2 \div 2 + \pi \times 4^2 = 48\pi$$

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

③



$$4\pi \times 2^2 \div 2 + \pi \times 2^2 = 12\pi$$

$12\pi \text{ cm}^2$