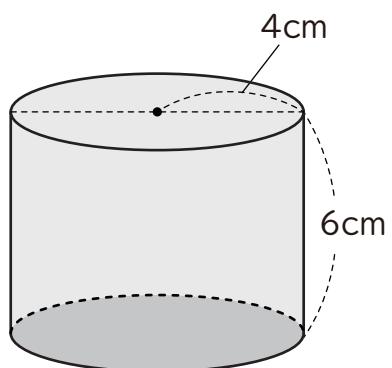


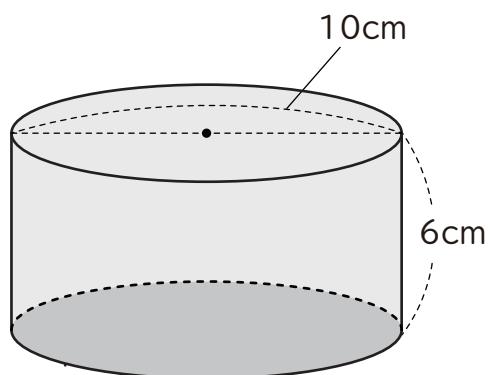
角柱や円柱の体積

次の図形の体積を求めましょう。

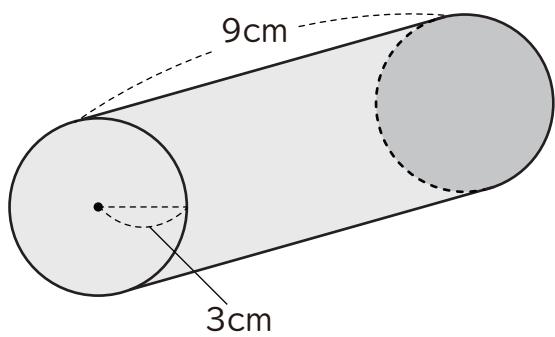
①



②



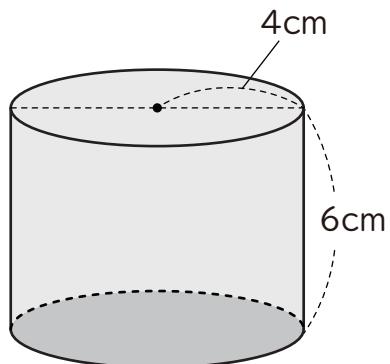
③



角柱や円柱の体積

次の図形の体積を求めましょう。

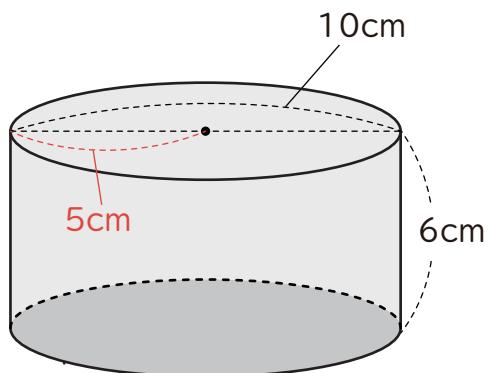
①



底面積は $\pi \times 4^2 = 16\pi$
側面積は $2\pi \times 4 \times 6 = 48\pi$
よって表面積は $16\pi \times 2 + 48\pi = 80\pi$

$80\pi \text{ cm}^2$

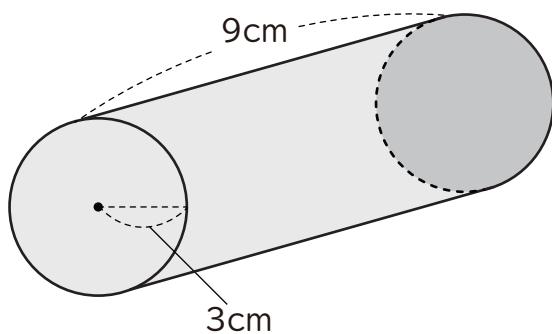
②



底面積は $\pi \times 5^2 = 25\pi$
側面積は $2\pi \times 5 \times 6 = 60\pi$
よって表面積は $25\pi \times 2 + 60\pi = 110\pi$

$110\pi \text{ cm}^2$

③



底面積は $\pi \times 3^2 = 9\pi$
側面積は $2\pi \times 3 \times 9 = 54\pi$
よって表面積は $9\pi \times 2 + 54\pi = 72\pi$

$72\pi \text{ cm}^2$