

Nama: .....

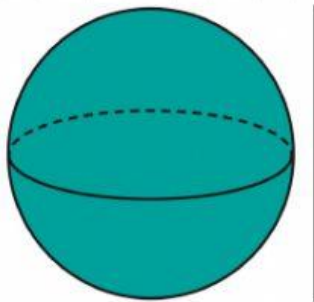
Kelas: .....

# Ayo Berlatih Bola

Luas Permukaan

$$L = 4\pi r^2$$

Hitung luas bola.



10 cm

$$d = 10 \text{ cm}$$

$$r = \frac{1}{2} d$$

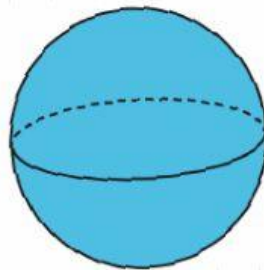
$$r = 5 \text{ cm}$$

$$L = 4\pi r^2$$
$$= 4 \cdot 3,14 \cdot 5^2$$

$$L = \dots$$

Jadi, luas bola di atas adalah ...  $\text{cm}^2$ .

Hitung jari-jari bola.



$$L = 484\pi \text{ m}^2$$

$$L = 484\pi$$

$$4\pi r^2 = 484\pi$$

$$4r^2 = 484$$

$$r^2 = \dots$$

$$r^2 = \dots$$

$$r = \dots$$

Jadi, jari-jari bola di atas adalah ... m.

Ayo Berlatih

# Bola

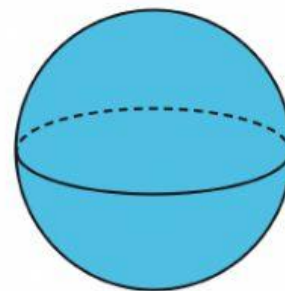
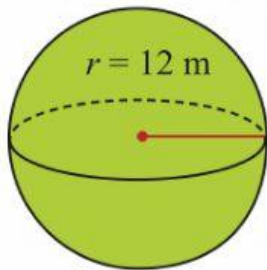
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Volume

$$V = \frac{4}{3} \pi r^3$$

Hitung jari-jari bola.

Hitung volume bola



$$V = 288\pi \text{ m}^3$$

$$\begin{aligned} V &= \frac{4}{3} \pi r^3 \\ &= \frac{4}{3} \times 3,14 \times \dots^3 \\ &= \dots \end{aligned}$$

Jadi, volume bola di atas adalah  $\dots \text{ m}^3$ .

$$\begin{aligned} V &= 288\pi \\ \frac{4}{3} \pi r^3 &= 288\pi \\ \frac{4}{3} r^3 &= 288 \\ r^3 &= \frac{\dots}{\dots} \\ r^3 &= \dots \\ r &= \dots \end{aligned}$$

Jadi, jari-jari bola di atas adalah  $\dots \text{ m}$ .

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