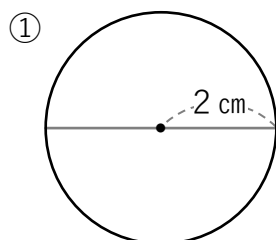


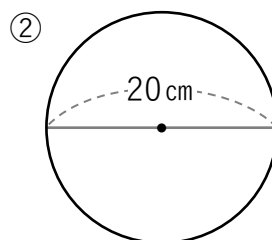
円の面積 答え

No. 1

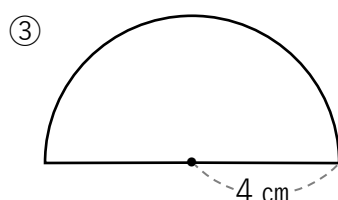
① 次の図形の 円の面積 を求めましょう。



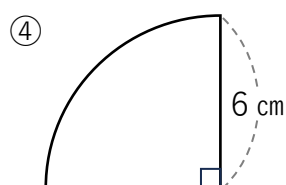
$$2 \times 2 \times 3.14 = 12.56 \text{ cm}^2$$



$$10 \times 10 \times 3.14 = 314 \text{ cm}^2$$

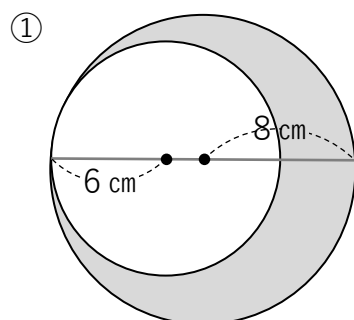


$$4 \times 4 \times 3.14 \div 2 = 25.12 \text{ cm}^2$$

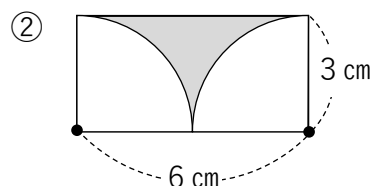


$$6 \times 6 \times 3.14 \div 4 = 28.26 \text{ cm}^2$$

② 下の図形の 色のついた部分の面積 を求めましょう。



$$\begin{aligned} \text{(大きい円)} \quad & 8 \times 8 \times 3.14 = 200.96 \\ \text{(小さい円)} \quad & 6 \times 6 \times 3.14 = 113.04 \\ & 200.96 - 113.04 = 87.92 \quad 87.92 \text{ cm}^2 \end{aligned}$$



$$\begin{aligned} \text{(長方形)} \quad & 3 \times 6 = 18 \\ \text{(半円)} \quad & 3 \times 3 \times 3.14 \div 2 = 14.13 \\ & 18 - 14.13 = 3.87 \quad 3.87 \text{ cm}^2 \end{aligned}$$