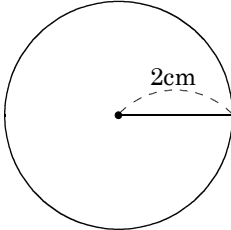


円の面積

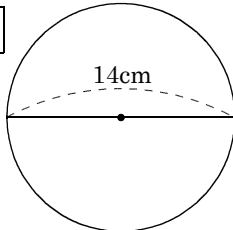
円の面積 = 半径 × 半径 × 3.14

例1



$$\begin{array}{l} \text{半径} \quad \text{半径} \\ \text{式} \quad 2 \times 2 \times 3.14 = \boxed{18.84\text{cm}^2} \end{array}$$

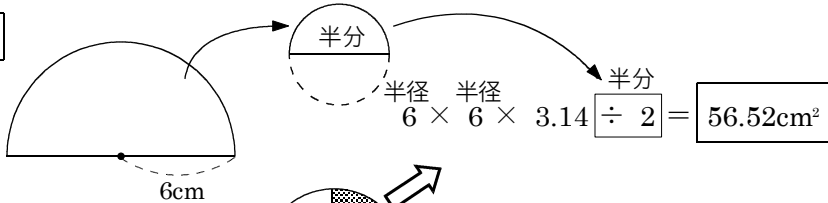
例2



$$\text{① 半径を求める} : \begin{array}{l} \text{直径} \quad \text{半径} \\ 14 \div 2 = 7\text{cm} \end{array}$$

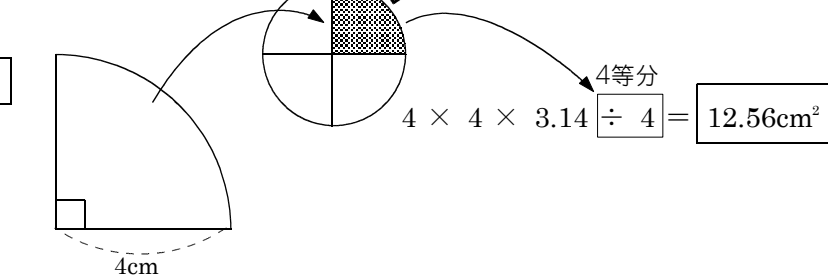
$$\text{② 面積を求める} : \begin{array}{l} \text{半径} \quad \text{半径} \\ 7 \times 7 \times 3.14 = \boxed{153.86\text{cm}^2} \end{array}$$

例3



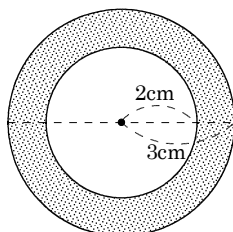
$$\begin{array}{l} \text{半径} \quad \text{半径} \\ 6 \times 6 \times 3.14 \div 2 = \boxed{56.52\text{cm}^2} \end{array}$$

例4



$$\begin{array}{l} \text{半径} \quad \text{半径} \\ 4 \times 4 \times 3.14 \div 4 = \boxed{12.56\text{cm}^2} \end{array}$$

例5 色のついた部分の面積を求めよ



半径3cmの円の面積 - 半径2cmの円の面積 = 色のついた面積

$$\begin{aligned} & 3 \times 3 \times 3.14 - 2 \times 2 \times 3.14 \\ & = 28.26 - 12.56 \\ & = \boxed{15.7\text{cm}^2} \end{aligned}$$