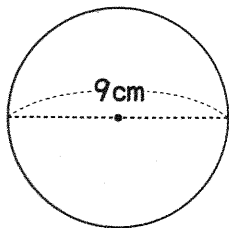


下の円の円周の長さは何cmですか。

①



ヒント

$$\begin{array}{|c|} \hline \text{直径} \\ \hline \end{array} \times \begin{array}{|c|} \hline \text{円周率} \\ \hline \end{array} = \begin{array}{|c|} \hline \text{円周} \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 9 \\ \hline \end{array} \times \begin{array}{|c|} \hline 3.14 \\ \hline \end{array} = \begin{array}{|c|} \hline 28.26 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 28.26 \text{ cm} \\ \hline \end{array}$$

② 直径 7 cm の円

$$7 \times 3.14 = 21.98$$

$$\begin{array}{|c|} \hline 21.98 \text{ cm} \\ \hline \end{array}$$

③ 半径 4 cm の円

$$\begin{aligned} 4 \times 2 &= 8 \\ 8 \times 3.14 &= 25.12 \end{aligned}$$

$$\begin{array}{|c|} \hline 25.12 \text{ cm} \\ \hline \end{array}$$

④ 半径 15 cm の円

$$\begin{aligned} 15 \times 2 &= 30 \\ 30 \times 3.14 &= 94.2 \end{aligned}$$

$$\begin{array}{|c|} \hline 94.2 \text{ cm} \\ \hline \end{array}$$

次の円の直径は何cmですか。

直径の長さを□cmとして、かけ算の式に表す。

⑤ 円周が 15.7 cm の円

$$\begin{aligned} \square \times 3.14 &= 15.7 \\ \square &= 15.7 \div 3.14 \\ &= 5 \end{aligned}$$

$$\begin{array}{|c|} \hline 5 \text{ cm} \\ \hline \end{array}$$

⑥ 円周が 18.84 cm の円

$$\begin{aligned} \square \times 3.14 &= 18.84 \\ \square &= 18.84 \div 3.14 \\ &= 6 \end{aligned}$$

$$\begin{array}{|c|} \hline 6 \text{ cm} \\ \hline \end{array}$$

⑦ 円周が 47.1 cm の円

$$\begin{aligned} \square \times 3.14 &= 47.1 \\ \square &= 47.1 \div 3.14 \\ &= 15 \end{aligned}$$

$$\begin{array}{|c|} \hline 15 \text{ cm} \\ \hline \end{array}$$

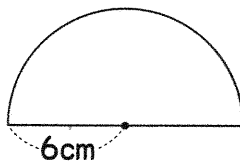
⑧ 円周が 62.8 cm の円

$$\begin{aligned} \square \times 3.14 &= 62.8 \\ \square &= 62.8 \div 3.14 \\ &= 20 \end{aligned}$$

$$\begin{array}{|c|} \hline 20 \text{ cm} \\ \hline \end{array}$$

下の図のまわりの長さは何cmですか。

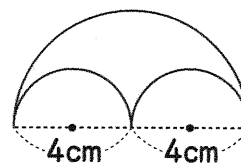
⑨



$$\begin{aligned} \text{半円} \cdots 6 \times 2 &= 12 \\ \text{半円} \cdots 12 \times 3.14 &= 37.68 \\ &37.68 \div 2 = 18.84 \\ \text{半円} \cdots 12 + 18.84 &= 30.84 \end{aligned}$$

$$\begin{array}{|c|} \hline 30.84 \text{ cm} \\ \hline \end{array}$$

⑩



$$\begin{aligned} \text{大弧} \cdots 4 \times 2 &= 8 \\ &8 \times 3.14 = 25.12 \\ &25.12 \div 2 = 12.56 \\ \text{小弧} \cdots 4 \times 3.14 &= 12.56 \\ \text{小弧} \cdots 12.56 + 12.56 &= 25.12 \end{aligned}$$

$$\begin{array}{|c|} \hline 25.12 \text{ cm} \\ \hline \end{array}$$