

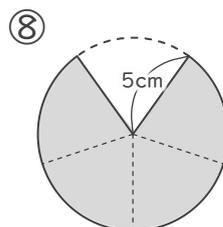
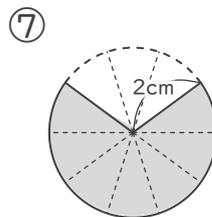
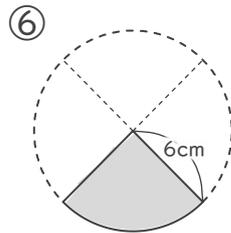
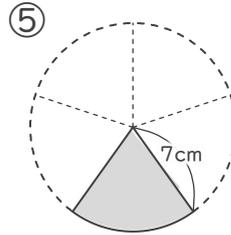
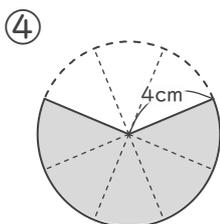
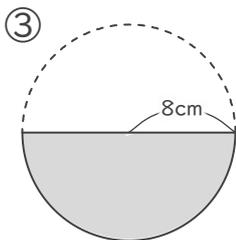
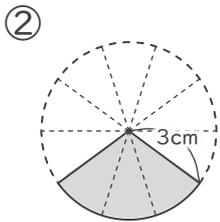
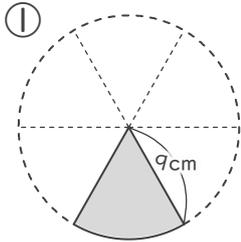
おうぎ形の面積

年 組 名前

/ 8

■ おうぎ形の面積を求めましょう。

ただし、点線は円を等分しており、書かれた長さは円の半径を表しています。



おうぎ形の面積

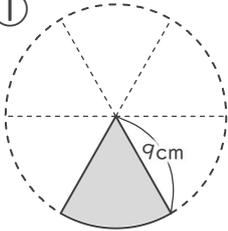
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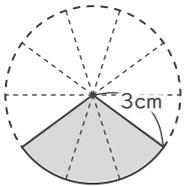
①



$$\begin{aligned}9 \times 9 \times 3.14 &= 254.34 \\ 254.34 \times \frac{1}{6} & \\ &= 42.39\end{aligned}$$

$$42.39 \text{ cm}^2$$

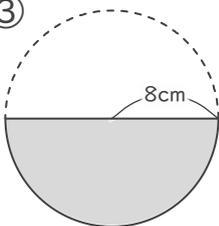
②



$$\begin{aligned}3 \times 3 \times 3.14 &= 28.26 \\ 28.26 \times \frac{3}{10} & \\ &= 8.478\end{aligned}$$

$$8.478 \text{ cm}^2$$

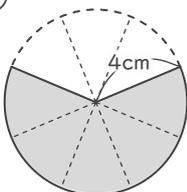
③



$$\begin{aligned}8 \times 8 \times 3.14 &= 200.96 \\ 200.96 \times \frac{1}{2} & \\ &= 100.48\end{aligned}$$

$$100.48 \text{ cm}^2$$

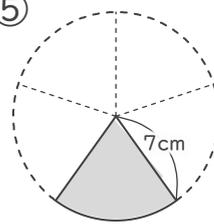
④



$$\begin{aligned}4 \times 4 \times 3.14 &= 50.24 \\ 50.24 \times \frac{5}{8} & \\ &= 31.4\end{aligned}$$

$$31.4 \text{ cm}^2$$

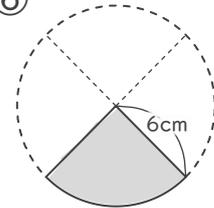
⑤



$$\begin{aligned}7 \times 7 \times 3.14 &= 153.86 \\ 153.86 \times \frac{1}{5} & \\ &= 30.772\end{aligned}$$

$$30.772 \text{ cm}^2$$

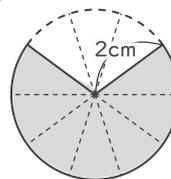
⑥



$$\begin{aligned}6 \times 6 \times 3.14 &= 113.04 \\ 113.04 \times \frac{1}{4} & \\ &= 28.26\end{aligned}$$

$$28.26 \text{ cm}^2$$

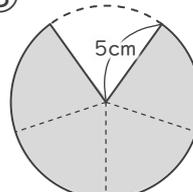
⑦



$$\begin{aligned}2 \times 2 \times 3.14 &= 12.56 \\ 12.56 \times \frac{7}{10} & \\ &= 8.792\end{aligned}$$

$$8.792 \text{ cm}^2$$

⑧



$$\begin{aligned}5 \times 5 \times 3.14 &= 78.5 \\ 78.5 \times \frac{4}{5} & \\ &= 62.8\end{aligned}$$

$$62.8 \text{ cm}^2$$