

# おうぎ形の面積

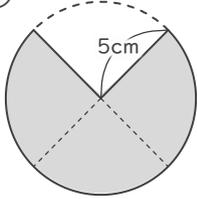
年 組 名前

/ 8

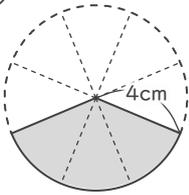
■ おうぎ形の面積を求めましょう。

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。

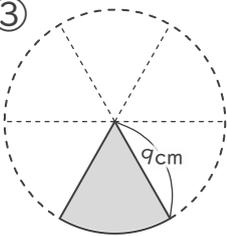
①



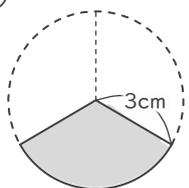
②



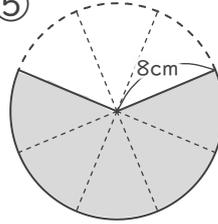
③



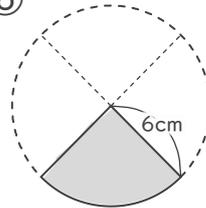
④



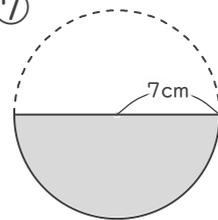
⑤



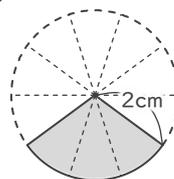
⑥



⑦



⑧



# おうぎ形の面積

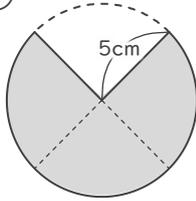
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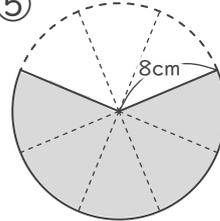
①



$$\begin{aligned}5 \times 5 \times 3.14 &= 78.5 \\ 78.5 \times \frac{3}{4} & \\ &= 58.875\end{aligned}$$

$$58.875 \text{ cm}^2$$

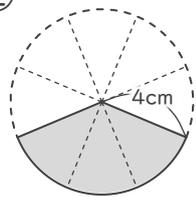
⑤



$$\begin{aligned}8 \times 8 \times 3.14 &= 200.96 \\ 200.96 \times \frac{5}{8} & \\ &= 125.6\end{aligned}$$

$$125.6 \text{ cm}^2$$

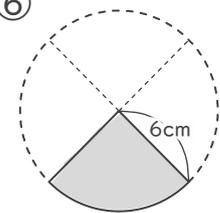
②



$$\begin{aligned}4 \times 4 \times 3.14 &= 50.24 \\ 50.24 \times \frac{3}{8} & \\ &= 18.84\end{aligned}$$

$$18.84 \text{ cm}^2$$

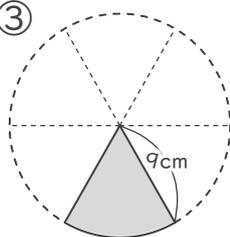
⑥



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

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

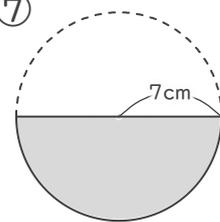
③



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

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

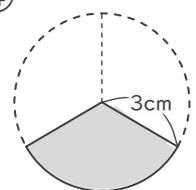
⑦



$$\begin{aligned}7 \times 7 \times 3.14 &= 153.86 \\ 153.86 \times \frac{1}{2} & \\ &= 76.93\end{aligned}$$

$$76.93 \text{ cm}^2$$

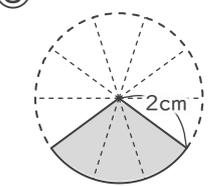
④



$$\begin{aligned}3 \times 3 \times 3.14 &= 28.26 \\ 28.26 \times \frac{1}{3} & \\ &= 9.42\end{aligned}$$

$$9.42 \text{ cm}^2$$

⑧



$$\begin{aligned}2 \times 2 \times 3.14 &= 12.56 \\ 12.56 \times \frac{3}{10} & \\ &= 3.768\end{aligned}$$

$$3.768 \text{ cm}^2$$