

おうぎ形の面積

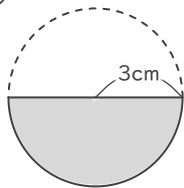
年 組 名前

/ 8

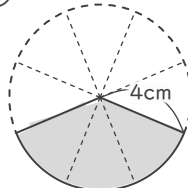
■ おうぎ形の面積を求めましょう。

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。

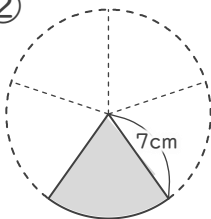
①



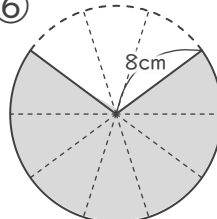
⑤



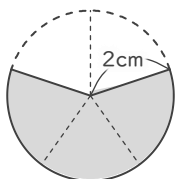
②



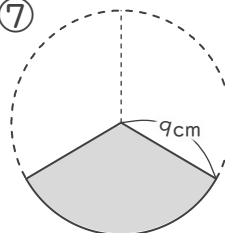
⑥



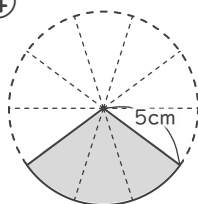
③



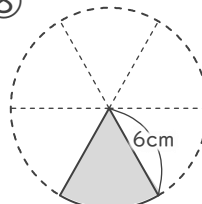
⑦



④



⑧



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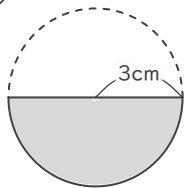
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①

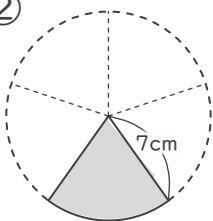


$$3 \times 3 \times 3.14 = 28.26$$

$$28.26 \times \frac{1}{2} = 14.13$$

$$14.13 \text{ cm}^2$$

②

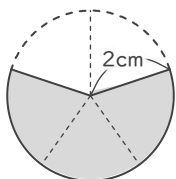


$$7 \times 7 \times 3.14 = 153.86$$

$$153.86 \times \frac{1}{5} = 30.772$$

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

③

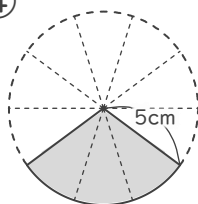


$$2 \times 2 \times 3.14 = 12.56$$

$$12.56 \times \frac{3}{5} = 7.536$$

$$7.536 \text{ cm}^2$$

④

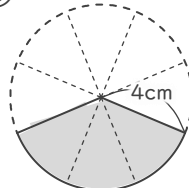


$$5 \times 5 \times 3.14 = 78.5$$

$$78.5 \times \frac{3}{10} = 23.55$$

$$23.55 \text{ cm}^2$$

⑤

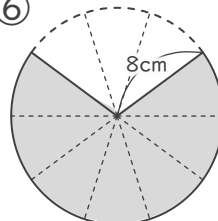


$$4 \times 4 \times 3.14 = 50.24$$

$$50.24 \times \frac{3}{8} = 18.84$$

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

⑥

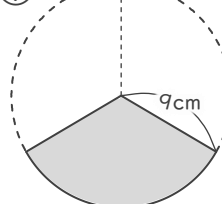


$$8 \times 8 \times 3.14 = 200.96$$

$$200.96 \times \frac{7}{10} = 140.672$$

$$140.672 \text{ cm}^2$$

⑦

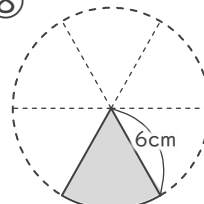


$$9 \times 9 \times 3.14 = 254.34$$

$$254.34 \times \frac{1}{3} = 84.78$$

$$84.78 \text{ cm}^2$$

⑧



$$6 \times 6 \times 3.14 = 113.04$$

$$113.04 \times \frac{1}{6} = 18.84$$

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