

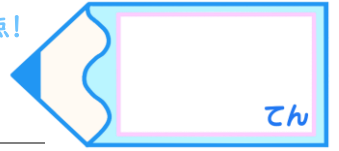


円の面積 4

● 円の四分の一の
おうぎ形の面積

15

目指せ75点!



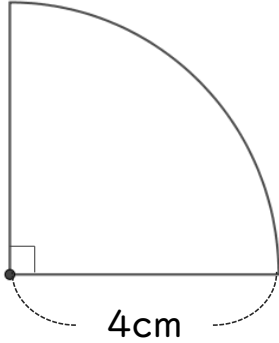
名まえ

てん

・ 次の図形の面積を求めましょう。(各25点)

①

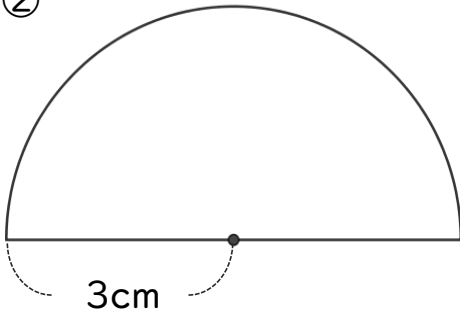
式：



答え：

②

式：



答え：

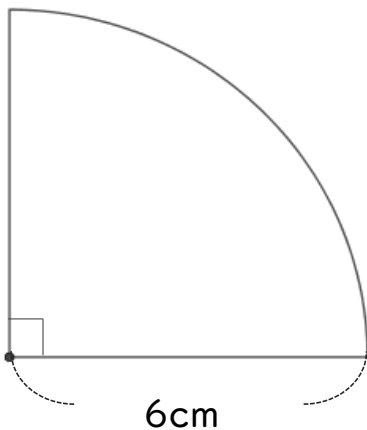
③ 直径8cmの円

式：

答え：

④

式：



答え：



円の面積 4

● 円の四分の一の
おうぎ形の面積

15

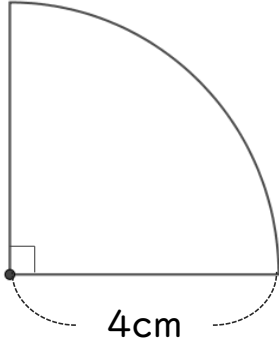
目指せ75点!

名まえ _____

てん _____

・ 次の図形の面積を求めましょう。(各25点)

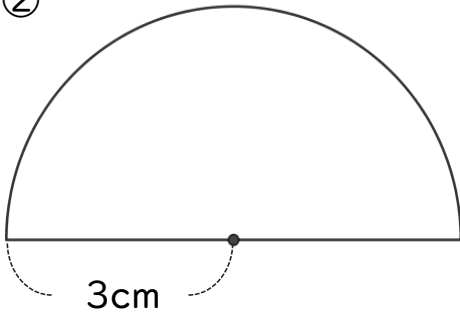
①



$$\begin{aligned} \text{式: } & 4 \times 4 \times 3.14 \div 4 \\ & = 16 \div 4 \times 3.14 \\ & = 4 \times 3.14 \\ & = 12.56 \end{aligned}$$

答え: 12.56 cm²

②



$$\begin{aligned} \text{式: } & 3 \times 3 \times 3.14 \div 2 \\ & = 9 \times 3.14 \div 2 \\ & = 28.26 \div 2 \\ & = 14.13 \end{aligned}$$

答え: 14.13 cm²

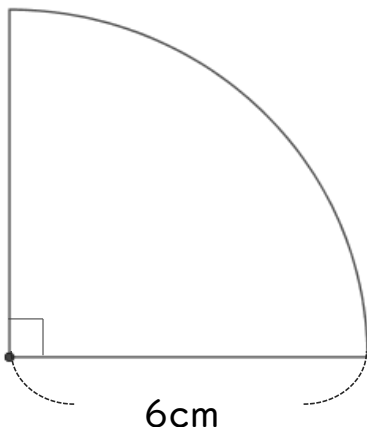
③ 直径8cmの円

円の半径は $8 \div 2 = 4 \text{ cm}$

$$\begin{aligned} \text{式: } & 4 \times 4 \times 3.14 = 16 \times 3.14 \\ & = 50.24 \end{aligned}$$

答え: 50.24 cm²

④



$$\begin{aligned} \text{式: } & 6 \times 6 \times 3.14 \div 4 \\ & = 36 \div 4 \times 3.14 \\ & = 9 \times 3.14 \\ & = 28.26 \end{aligned}$$

答え: 28.26 cm²