

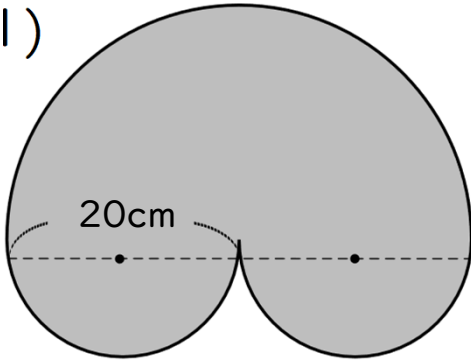
# 円の面積 I

(いろいろな図形の面積)

年 組 名前 ( )

次の図形の色のついた面積を求めましょう。

(1)



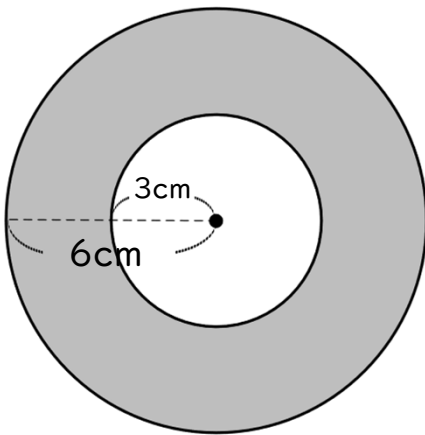
式

計算スペース

答え

---

(2)

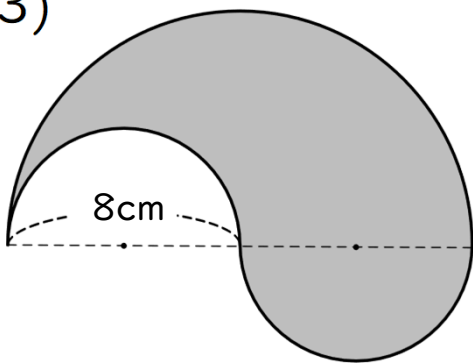


式

答え

---

(3)

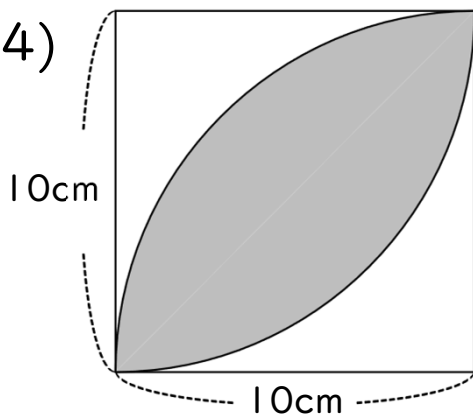


式

答え

---

(4)



式

答え

---

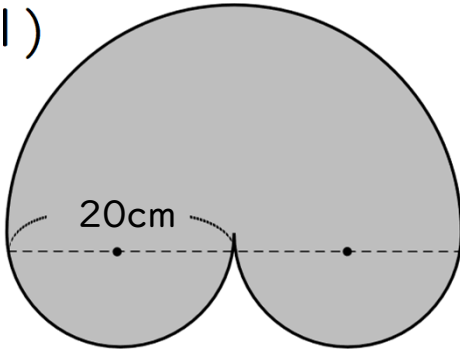
# 円の面積 I

(いろいろな図形の面積)

年 組 名前( )

次の図形の色のついた面積を求めましょう。

(1)

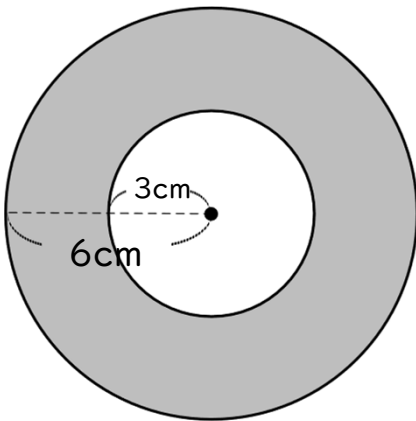


$$\begin{aligned} \text{式} \quad & 20 \times 20 \times 3.14 \div 2 + 10 \times 10 \\ & \times 3.14 \\ & = 200 \times 3.14 + 100 \times 3.14 \\ & = (200 + 100) \times 3.14 \\ & = 300 \times 3.14 \\ & = 942 \end{aligned}$$

計算スペース

答え 942cm<sup>2</sup>

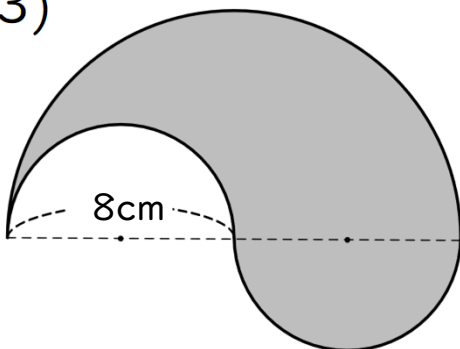
(2)



$$\begin{aligned} \text{式} \quad & 6 \times 6 \times 3.14 - 3 \times 3 \times 3.14 \\ & = 36 \times 3.14 - 9 \times 3.14 \\ & = (36 - 9) \times 3.14 \\ & = 25 \times 3.14 \\ & = 78.5 \end{aligned}$$

答え 78.5cm<sup>2</sup>

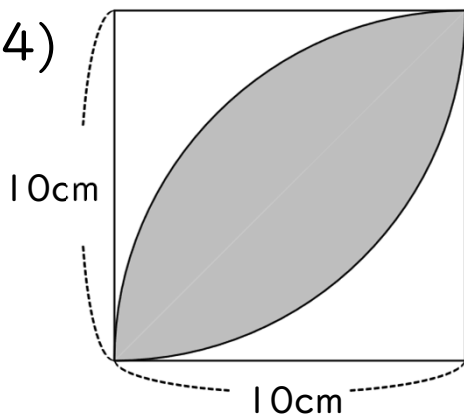
(3)



$$\begin{aligned} \text{式} \quad & 8 \times 8 \times 3.14 \div 2 \\ & = 100.48 \end{aligned}$$

答え 100.48cm<sup>2</sup>

(4)



$$\begin{aligned} \text{式} \quad & 10 \times 10 \times 3.14 \div 4 - 10 \times 10 \\ & \div 2 \\ & = 25 \times 3.14 - 50 \\ & = 78.5 - 50 \\ & = 28.5 \\ & 28.5 \times 2 = 57 \end{aligned}$$

答え 57cm<sup>2</sup>