

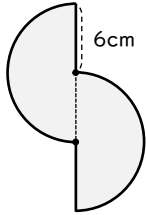
円を使った図形の面積

年 組 名前

/ 7

■ 次の図形の色がついている部分の面積を求めましょう。

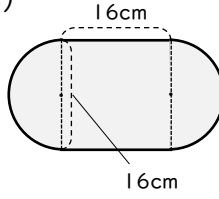
(1)



cm²

cm²

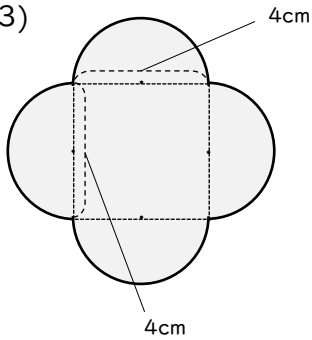
(2)



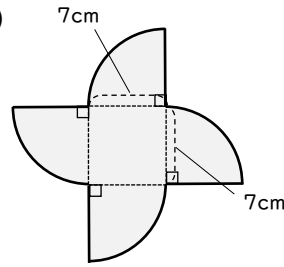
cm²

cm²

(3)



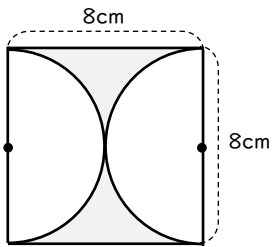
(4)



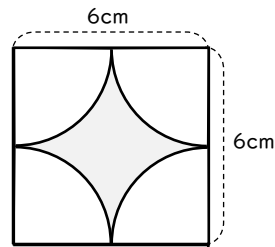
cm²

cm²

(5)

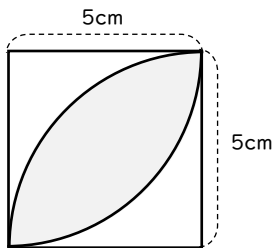


(6)



cm²

(7)



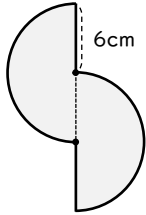
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(1)

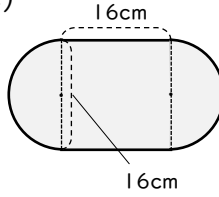


6cm

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

$$113.04 \text{ cm}^2$$

(2)



16cm

16cm

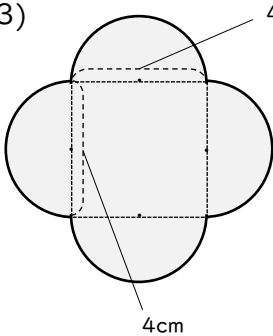
$$8 \times 8 \times 3.14 = 200.96$$

$$16 \times 16 = 256$$

$$200.96 + 256 = 456.96$$

$$456.96 \text{ cm}^2$$

(3)



4cm

4cm

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

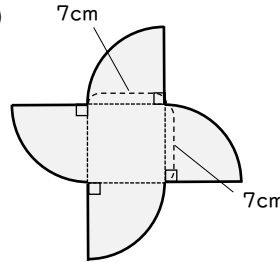
$$12.56 \times 2 = 25.12$$

$$4 \times 4 = 16$$

$$25.12 + 16 = 41.12$$

$$41.12 \text{ cm}^2$$

(4)



7cm

7cm

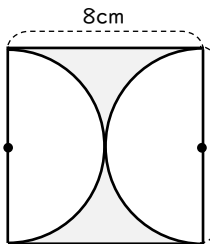
$$7 \times 7 \times 3.14 = 153.86$$

$$7 \times 7 = 49$$

$$153.86 + 49 = 202.86$$

$$202.86 \text{ cm}^2$$

(5)



8cm

8cm

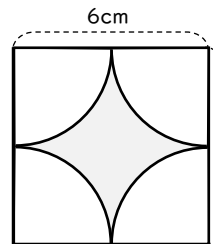
$$8 \times 8 = 64$$

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

$$64 - 50.24 = 13.76$$

$$13.76 \text{ cm}^2$$

(6)



6cm

6cm

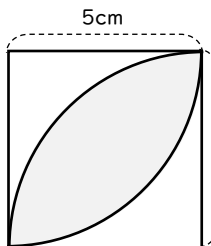
$$6 \times 6 = 36$$

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

$$36 - 28.26 = 7.74$$

$$7.74 \text{ cm}^2$$

(7)



5cm

5cm

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

$$78.5 \div 2 = 39.25$$

$$5 \times 5 = 25$$

$$39.25 - 25 = 14.25$$

$$14.25 \text{ cm}^2$$