

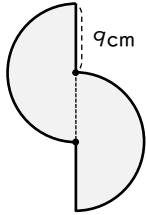
# 円を使った図形の面積

年 組 名前

/ 7

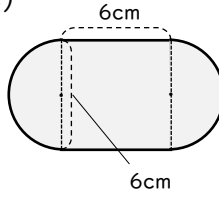
■ 次の図形の色がついている部分の面積を求めましょう。

(1)



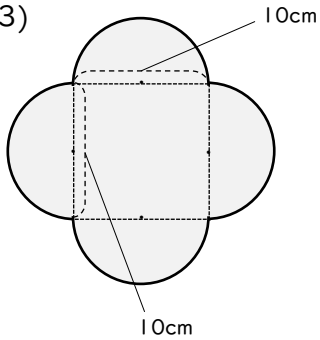
cm<sup>2</sup>

(2)



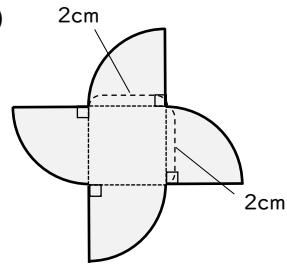
cm<sup>2</sup>

(3)



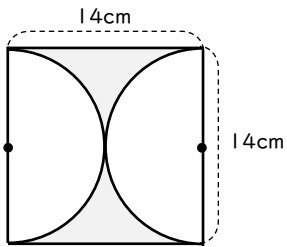
cm<sup>2</sup>

(4)



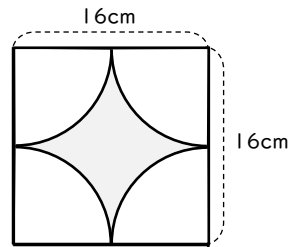
cm<sup>2</sup>

(5)



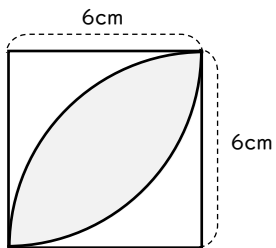
cm<sup>2</sup>

(6)



cm<sup>2</sup>

(7)



cm<sup>2</sup>

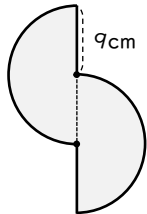
# 円を使った図形の面積

年 組 名前

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■ 次の図形の色がついている部分の面積を求めましょう。

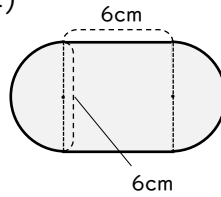
(1)



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

**254.34** cm<sup>2</sup>

(2)



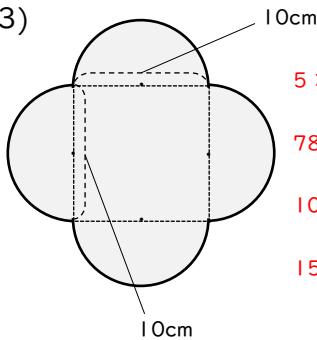
$$3 \times 3 \times 3.14 = 28.26$$

$$6 \times 6 = 36$$

$$28.26 + 36 = 64.26$$

**64.26** cm<sup>2</sup>

(3)



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

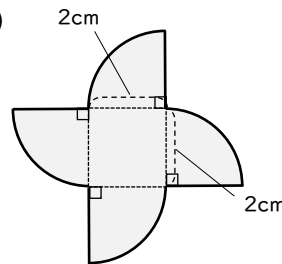
$$78.5 \times 2 = 157$$

$$10 \times 10 = 100$$

$$157 + 100 = 257$$

**257** cm<sup>2</sup>

(4)



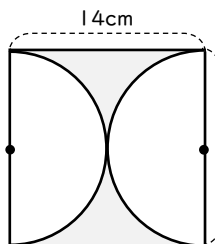
$$2 \times 2 \times 3.14 = 12.56$$

$$2 \times 2 = 4$$

$$12.56 + 4 = 16.56$$

**16.56** cm<sup>2</sup>

(5)



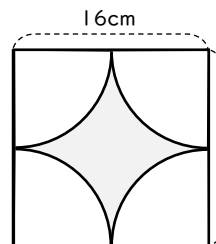
$$14 \times 14 = 196$$

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

$$196 - 153.86 = 42.14$$

**42.14** cm<sup>2</sup>

(6)



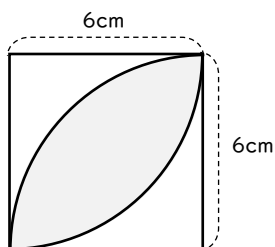
$$16 \times 16 = 256$$

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

$$256 - 200.96 = 55.04$$

**55.04** cm<sup>2</sup>

(7)



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

$$113.04 \div 2 = 56.52$$

$$6 \times 6 = 36$$

$$56.52 - 36 = 20.52$$

**20.52** cm<sup>2</sup>