

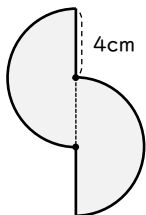
# 円を使った図形の面積

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。

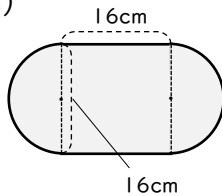
(1)



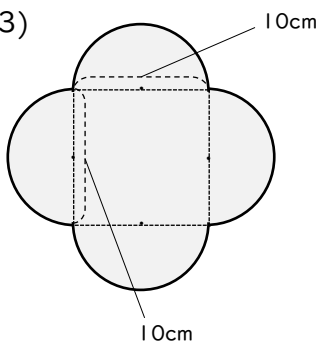
cm<sup>2</sup>

cm<sup>2</sup>

(2)



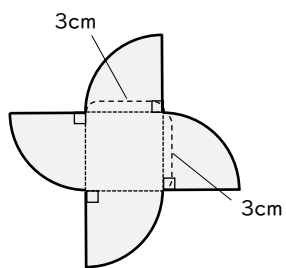
(3)



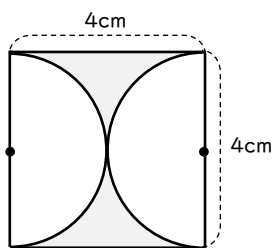
cm<sup>2</sup>

cm<sup>2</sup>

(4)



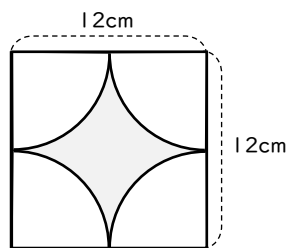
(5)



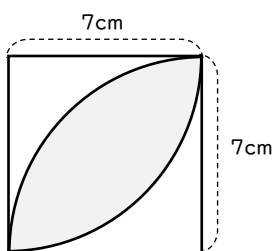
cm<sup>2</sup>

cm<sup>2</sup>

(6)



(7)



cm<sup>2</sup>

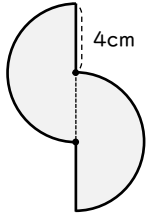
# 円を使った図形の面積

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。

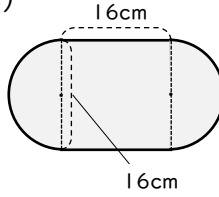
(1)



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

$$50.24 \text{ cm}^2$$

(2)



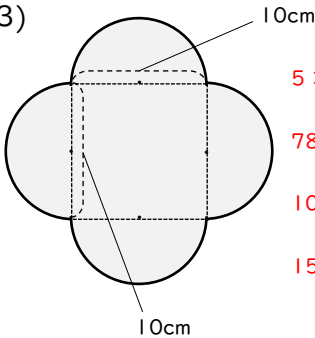
$$8 \times 8 \times 3.14 = 200.96$$

$$16 \times 16 = 256$$

$$200.96 + 256 = 456.96$$

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

(3)



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

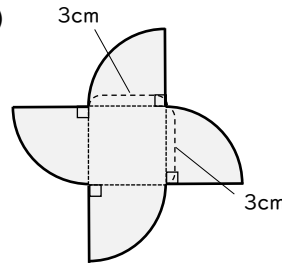
$$78.5 \times 2 = 157$$

$$10 \times 10 = 100$$

$$157 + 100 = 257$$

$$257 \text{ cm}^2$$

(4)



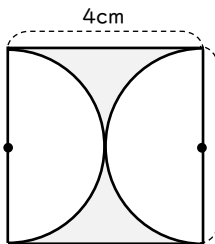
$$3 \times 3 \times 3.14 = 28.26$$

$$3 \times 3 = 9$$

$$28.26 + 9 = 37.26$$

$$37.26 \text{ cm}^2$$

(5)



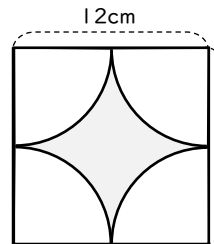
$$4 \times 4 = 16$$

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

$$16 - 12.56 = 3.44$$

$$3.44 \text{ cm}^2$$

(6)



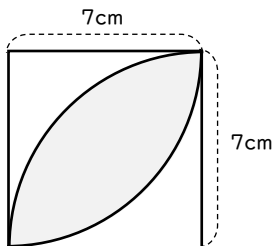
$$12 \times 12 = 144$$

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

$$144 - 113.04 = 30.96$$

$$30.96 \text{ cm}^2$$

(7)



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

$$153.86 \div 2 = 76.93$$

$$7 \times 7 = 49$$

$$76.93 - 49 = 27.93$$

$$27.93 \text{ cm}^2$$