

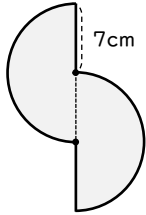
円を使った図形の面積

年 組 名前

/ 7

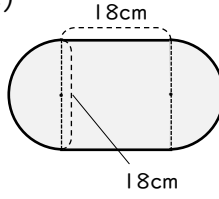
■ 次の図形の色がついている部分の面積を求めましょう。

(1)



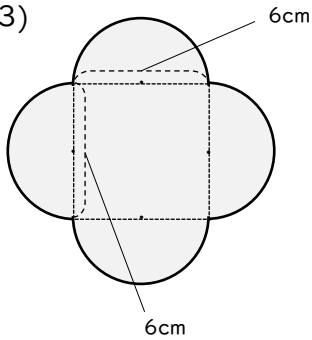
cm²

(2)



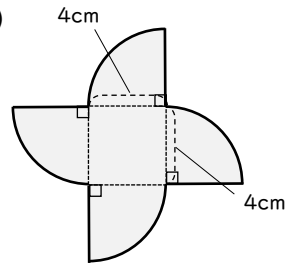
cm²

(3)



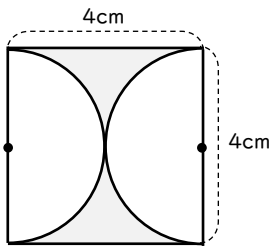
cm²

(4)



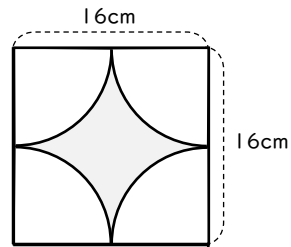
cm²

(5)



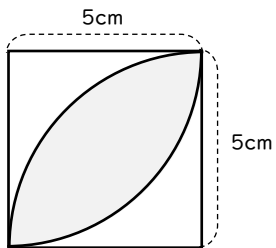
cm²

(6)



cm²

(7)



cm²

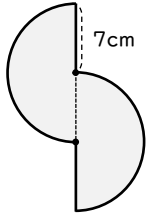
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■ 次の図形の色がついている部分の面積を求めましょう。

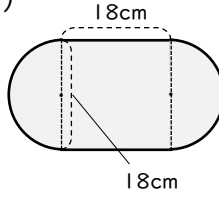
(1)



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

$$153.86 \text{ cm}^2$$

(2)



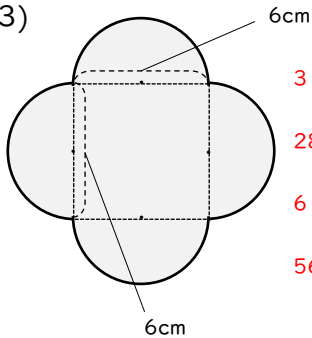
$$9 \times 9 \times 3.14 = 254.34$$

$$18 \times 18 = 324$$

$$254.34 + 324 = 578.34$$

$$578.34 \text{ cm}^2$$

(3)



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

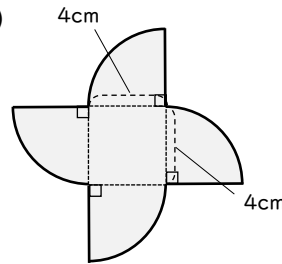
$$28.26 \times 2 = 56.52$$

$$6 \times 6 = 36$$

$$56.52 + 36 = 92.52$$

$$92.52 \text{ cm}^2$$

(4)



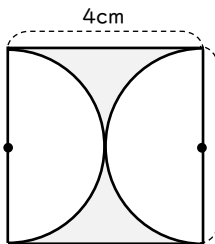
$$4 \times 4 \times 3.14 = 50.24$$

$$4 \times 4 = 16$$

$$50.24 + 16 = 66.24$$

$$66.24 \text{ cm}^2$$

(5)



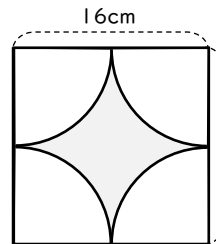
$$4 \times 4 = 16$$

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

$$16 - 12.56 = 3.44$$

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

(6)



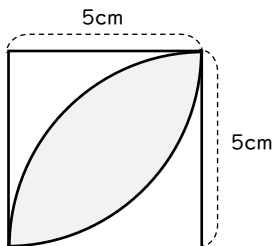
$$16 \times 16 = 256$$

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

$$256 - 200.96 = 55.04$$

$$55.04 \text{ cm}^2$$

(7)



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

$$78.5 \div 2 = 39.25$$

$$5 \times 5 = 25$$

$$39.25 - 25 = 14.25$$

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