

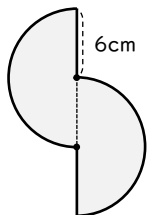
円を使った図形の面積

年 組 名前

/ 7

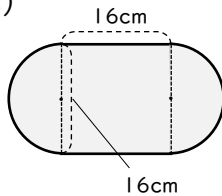
■ 次の図形の色がついている部分の面積を求めましょう。

(1)



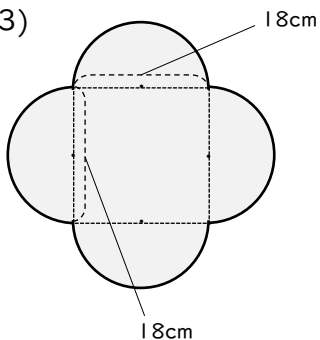
cm²

(2)



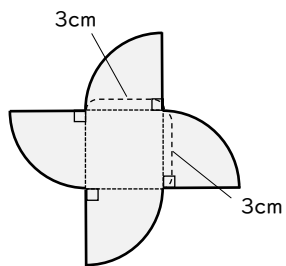
cm²

(3)



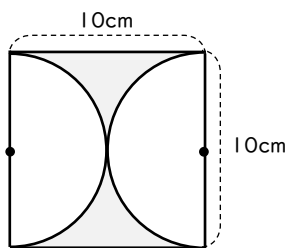
cm²

(4)



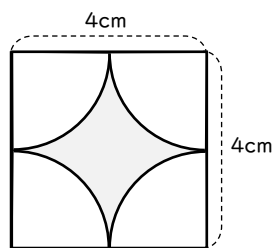
cm²

(5)



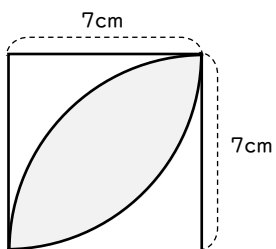
cm²

(6)



cm²

(7)



cm²

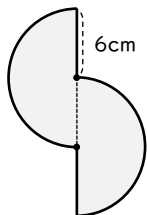
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■ 次の図形の色がついている部分の面積を求めましょう。

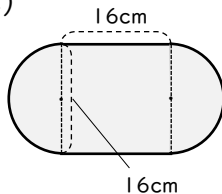
(1)



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

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

(2)



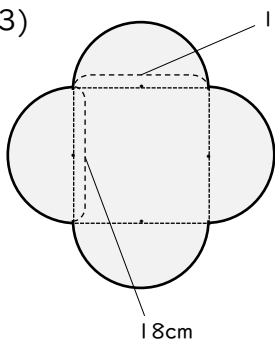
$$8 \times 8 \times 3.14 = 200.96$$

$$16 \times 16 = 256$$

$$200.96 + 256 = 456.96$$

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

(3)



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

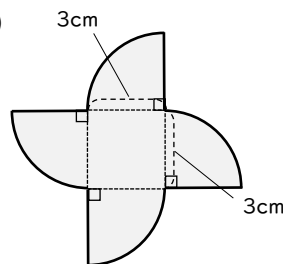
$$254.34 \times 2 = 508.68$$

$$18 \times 18 = 324$$

$$508.68 + 324 = 832.68$$

$$832.68 \text{ cm}^2$$

(4)



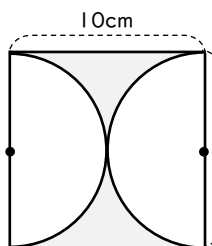
$$3 \times 3 \times 3.14 = 28.26$$

$$3 \times 3 = 9$$

$$28.26 + 9 = 37.26$$

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

(5)



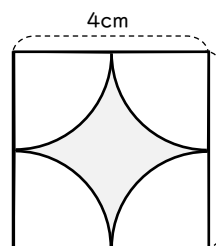
$$10 \times 10 = 100$$

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

$$100 - 78.5 = 21.5$$

$$21.5 \text{ cm}^2$$

(6)



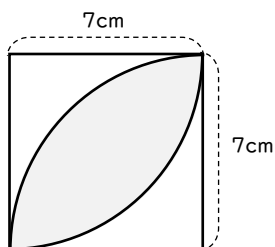
$$4 \times 4 = 16$$

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

$$16 - 12.56 = 3.44$$

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

(7)



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

$$153.86 \div 2 = 76.93$$

$$7 \times 7 = 49$$

$$76.93 - 49 = 27.93$$

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