

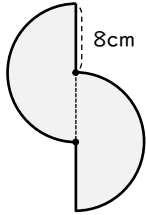
円を使った図形の面積

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。

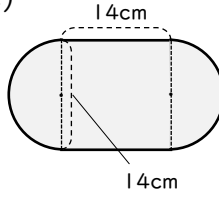
(1)



cm²

cm²

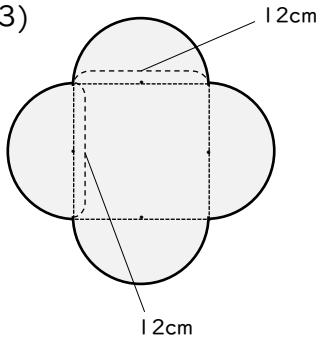
(2)



cm²

cm²

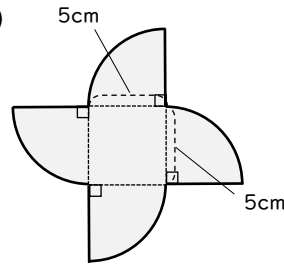
(3)



cm²

cm²

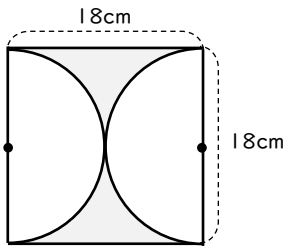
(4)



cm²

cm²

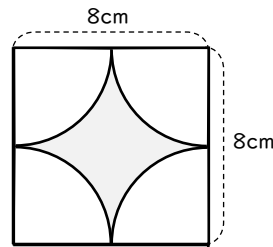
(5)



cm²

cm²

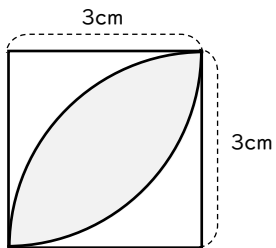
(6)



cm²

cm²

(7)



cm²

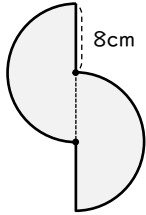
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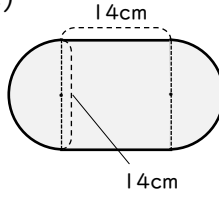
(1)



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

$$200.96 \text{ cm}^2$$

(2)



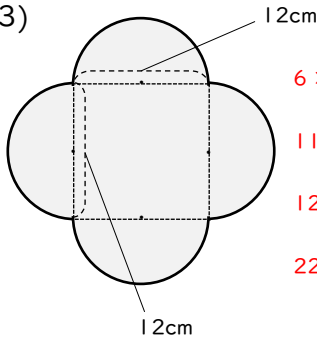
$$7 \times 7 \times 3.14 = 153.86$$

$$14 \times 14 = 196$$

$$153.86 + 196 = 349.86$$

$$349.86 \text{ cm}^2$$

(3)



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

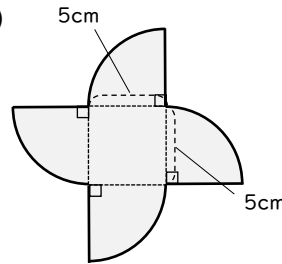
$$113.04 \times 2 = 226.08$$

$$12 \times 12 = 144$$

$$226.08 + 144 = 370.08$$

$$370.08 \text{ cm}^2$$

(4)



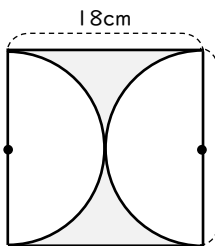
$$5 \times 5 \times 3.14 = 78.5$$

$$5 \times 5 = 25$$

$$78.5 + 25 = 103.5$$

$$103.5 \text{ cm}^2$$

(5)



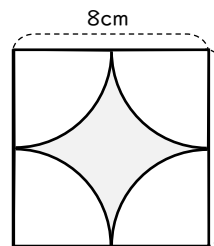
$$18 \times 18 = 324$$

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

$$324 - 254.34 = 69.66$$

$$69.66 \text{ cm}^2$$

(6)



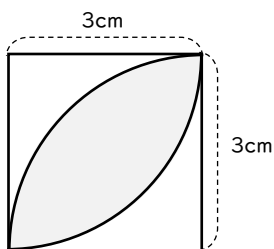
$$8 \times 8 = 64$$

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

$$64 - 50.24 = 13.76$$

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

(7)



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

$$28.26 \div 2 = 14.13$$

$$3 \times 3 = 9$$

$$14.13 - 9 = 5.13$$

$$5.13 \text{ cm}^2$$