

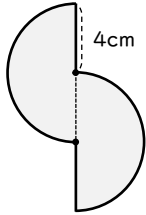
円を使った図形の面積

年 組 名前

/ 7

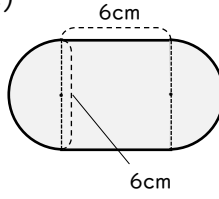
■ 次の図形の色がついている部分の面積を求めましょう。

(1)



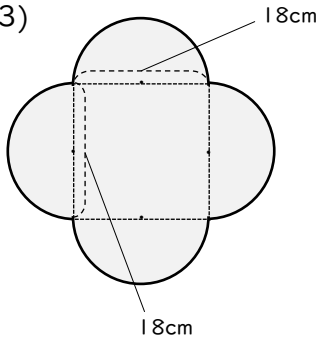
cm²

(2)



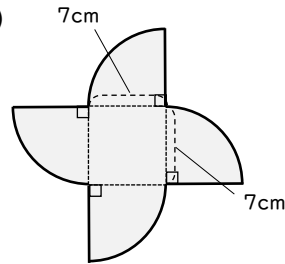
cm²

(3)



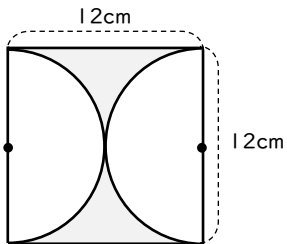
cm²

(4)



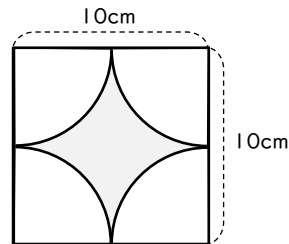
cm²

(5)



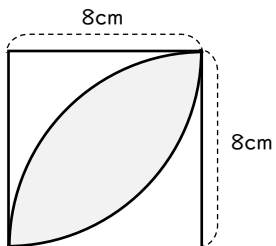
cm²

(6)



cm²

(7)



cm²

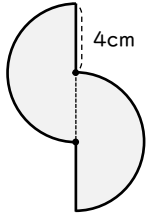
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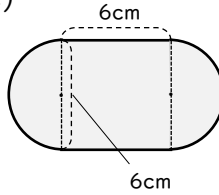
(1)



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

50.24 cm²

(2)



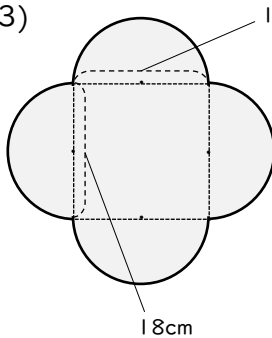
$$3 \times 3 \times 3.14 = 28.26$$

$$6 \times 6 = 36$$

$$28.26 + 36 = 64.26$$

64.26 cm²

(3)



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

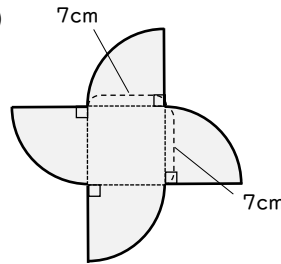
$$254.34 \times 2 = 508.68$$

$$18 \times 18 = 324$$

$$508.68 + 324 = 832.68$$

832.68 cm²

(4)



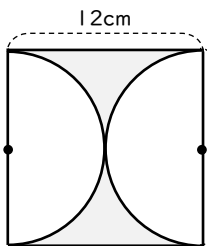
$$7 \times 7 \times 3.14 = 153.86$$

$$7 \times 7 = 49$$

$$153.86 + 49 = 202.86$$

202.86 cm²

(5)



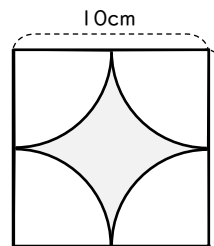
$$12 \times 12 = 144$$

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

$$144 - 113.04 = 30.96$$

30.96 cm²

(6)



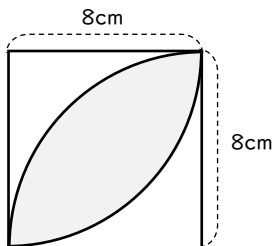
$$10 \times 10 = 100$$

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

$$100 - 78.5 = 21.5$$

21.5 cm²

(7)



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

$$200.96 \div 2 = 100.48$$

$$8 \times 8 = 64$$

$$100.48 - 64 = 36.48$$

36.48 cm²