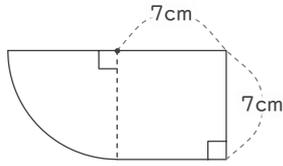


# 円を使った図形の面積

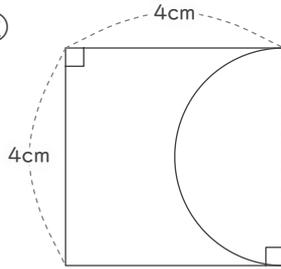
\_\_\_\_年 \_\_\_\_組 名前 \_\_\_\_\_

■ 半円やおうぎ型、正方形を組み合わせてできている次の図形の面積を答えましょう。

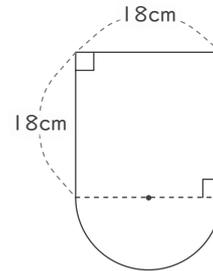
①



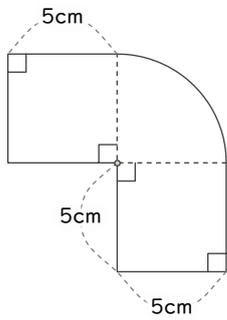

②



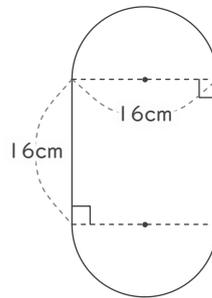

③



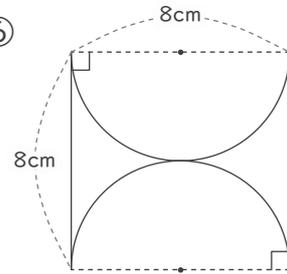

④



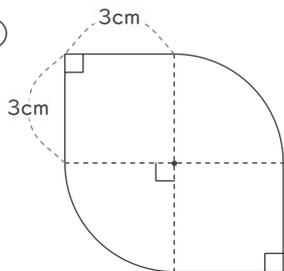

⑤



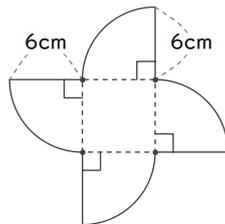

⑥



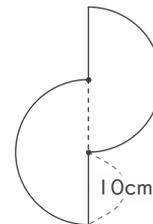

⑦




⑧




⑨



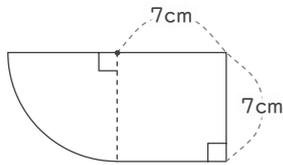
# 円を使った図形の面積

年 組 名前

19

■ 半円やおうぎ型、正方形を組み合わせてできている次の図形の面積を答えましょう。

①



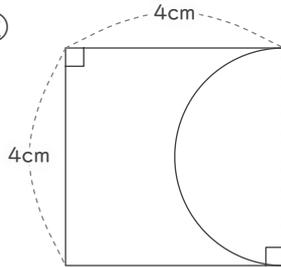
$$7 \times 7 \times 3.14 \div 4 = 38.465$$

$$7 \times 7 = 49$$

$$38.465 + 49 = 87.465$$

$$87.465 \text{cm}^2$$

②



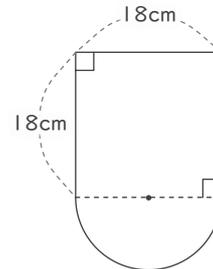
$$4 \times 4 = 16$$

$$2 \times 2 \times 3.14 \div 2 = 6.28$$

$$16 - 6.28 = 9.72$$

$$9.72 \text{cm}^2$$

③



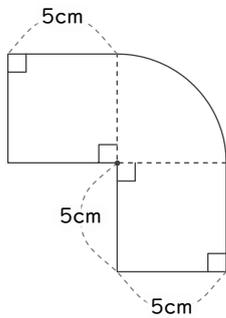
$$9 \times 9 \times 3.14 \div 2 = 127.17$$

$$18 \times 18 = 324$$

$$127.17 + 324 = 451.17$$

$$451.17 \text{cm}^2$$

④



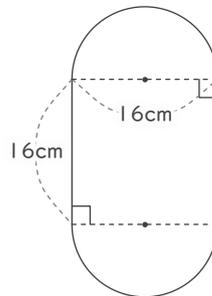
$$5 \times 5 \times 3.14 \div 4 = 19.625$$

$$5 \times 5 \times 2 = 50$$

$$19.625 + 50 = 69.625$$

$$69.625 \text{cm}^2$$

⑤



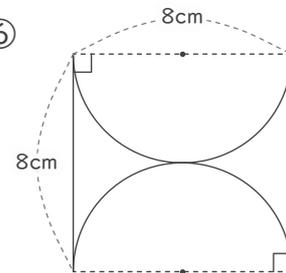
$$8 \times 8 \times 3.14 = 200.96$$

$$16 \times 16 = 256$$

$$200.96 + 256 = 456.96$$

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

⑥



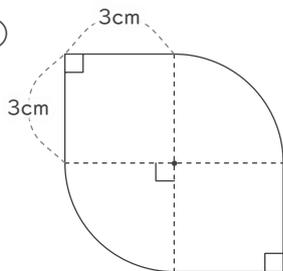
$$8 \times 8 = 64$$

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

$$64 - 50.24 = 13.76$$

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

⑦



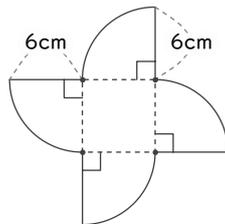
$$3 \times 3 \times 3.14 \div 2 = 14.13$$

$$3 \times 3 \times 2 = 18$$

$$14.13 + 18 = 32.13$$

$$32.13 \text{cm}^2$$

⑧



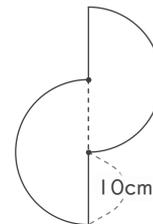
$$6 \times 6 \times 3.14 = 113.04$$

$$6 \times 6 = 36$$

$$113.04 + 36 = 149.04$$

$$149.04 \text{cm}^2$$

⑨



$$10 \times 10 \times 3.14 = 314$$

$$314 \text{cm}^2$$