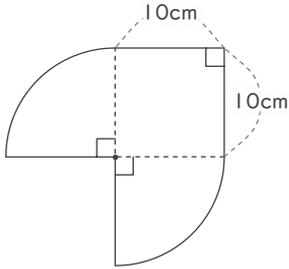


円を使った図形の面積

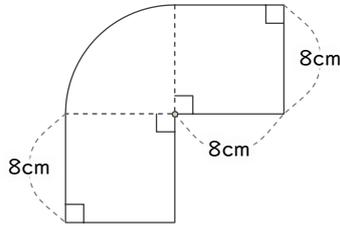
____年 ____組 名前 _____

■ 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。

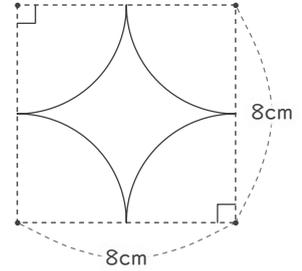
①



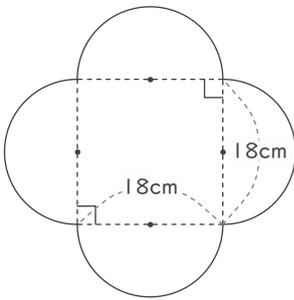
②



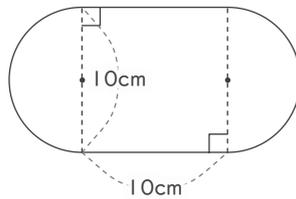
③



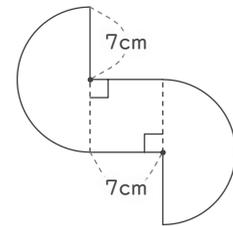
④



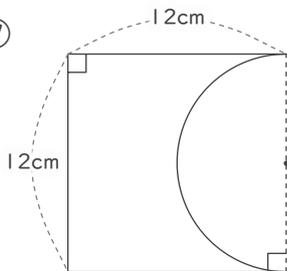
⑤



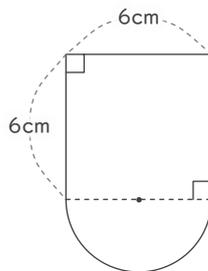
⑥



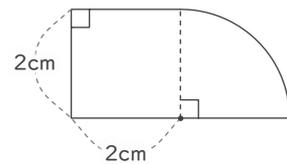
⑦



⑧



⑨



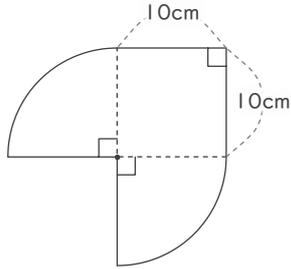
円を使った図形の面積

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



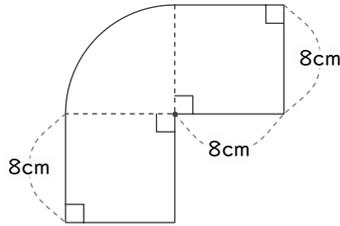
$$10 \times 10 \times 3.14 \div 2 = 157$$

$$10 \times 10 = 100$$

$$157 + 100 = 257$$

$$257\text{cm}^2$$

②



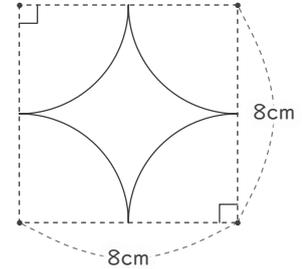
$$8 \times 8 \times 3.14 \div 4 = 50.24$$

$$8 \times 8 \times 2 = 128$$

$$50.24 + 128 = 178.24$$

$$178.24\text{cm}^2$$

③



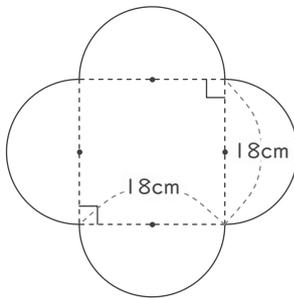
$$8 \times 8 = 64$$

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

$$64 - 50.24 = 13.76$$

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

④



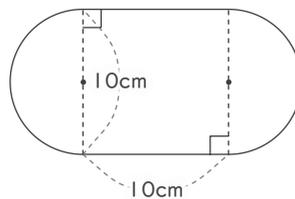
$$9 \times 9 \times 3.14 \times 2 = 508.68$$

$$18 \times 18 = 324$$

$$508.68 + 324 = 832.68$$

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

⑤



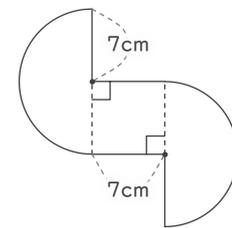
$$5 \times 5 \times 3.14 = 78.5$$

$$10 \times 10 = 100$$

$$78.5 + 100 = 178.5$$

$$178.5\text{cm}^2$$

⑥



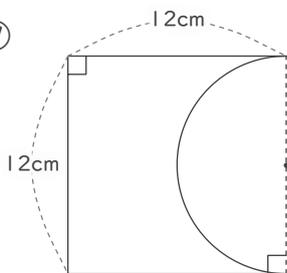
$$7 \times 7 \times 3.14 = 153.86$$

$$7 \times 7 = 49$$

$$153.86 + 49 = 202.86$$

$$202.86\text{cm}^2$$

⑦



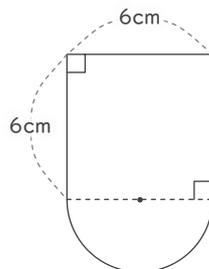
$$12 \times 12 = 144$$

$$6 \times 6 \times 3.14 \div 2 = 56.52$$

$$144 - 56.52 = 87.48$$

$$87.48\text{cm}^2$$

⑧



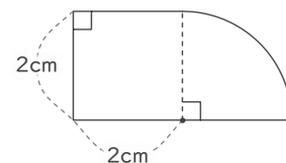
$$3 \times 3 \times 3.14 \div 2 = 14.13$$

$$6 \times 6 = 36$$

$$14.13 + 36 = 50.13$$

$$50.13\text{cm}^2$$

⑨



$$2 \times 2 \times 3.14 \div 4 = 3.14$$

$$2 \times 2 = 4$$

$$3.14 + 4 = 7.14$$

$$7.14\text{cm}^2$$