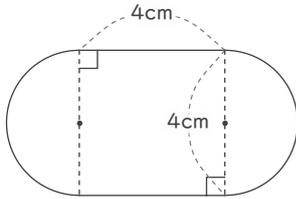


円を使った図形の面積

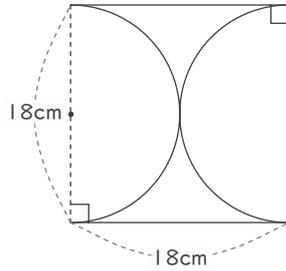
____年 ____組 名前 _____

■ 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。

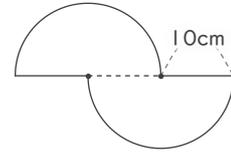
①



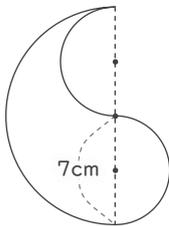
②



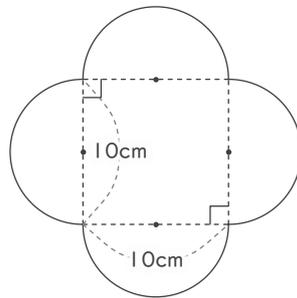
③



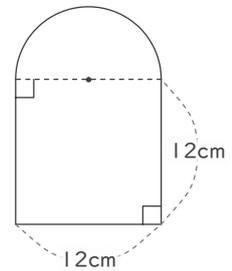
④



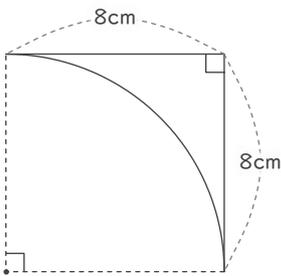
⑤



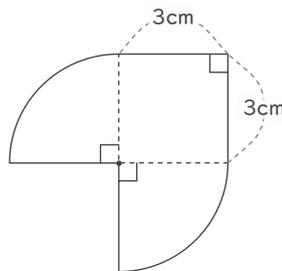
⑥



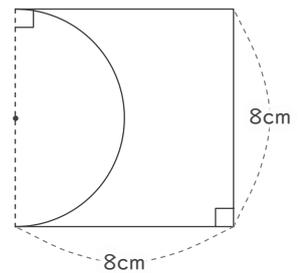
⑦



⑧



⑨



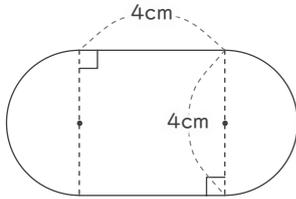
円を使った図形の面積

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。

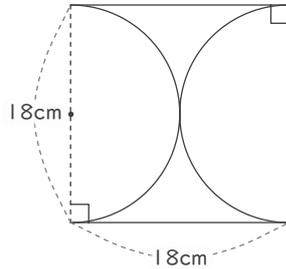
①



$$\begin{aligned} 2 \times 2 \times 3.14 &= 12.56 \\ 4 \times 4 &= 16 \\ 12.56 + 16 &= 28.56 \end{aligned}$$

28.56cm²

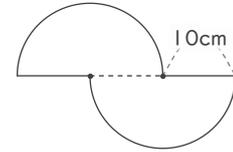
②



$$\begin{aligned} 18 \times 18 &= 324 \\ 9 \times 9 \times 3.14 &= 254.34 \\ 324 - 254.34 &= 69.66 \end{aligned}$$

69.66cm²

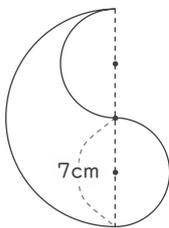
③



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

314cm²

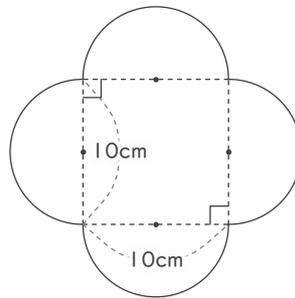
④



$$7 \times 7 \times 3.14 \div 2 = 76.93$$

76.93cm²

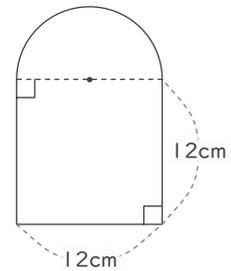
⑤



$$\begin{aligned} 5 \times 5 \times 3.14 \times 2 &= 157 \\ 10 \times 10 &= 100 \\ 157 + 100 &= 257 \end{aligned}$$

257cm²

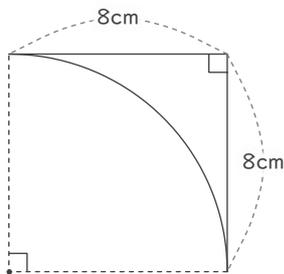
⑥



$$\begin{aligned} 6 \times 6 \times 3.14 \div 2 &= 56.52 \\ 12 \times 12 &= 144 \\ 56.52 + 144 &= 200.52 \end{aligned}$$

200.52cm²

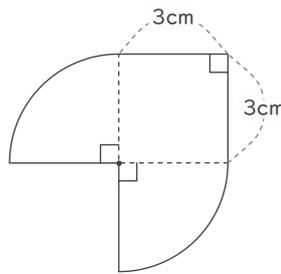
⑦



$$\begin{aligned} 8 \times 8 &= 64 \\ 8 \times 8 \times 3.14 \div 4 &= 50.24 \\ 64 - 50.24 &= 13.76 \end{aligned}$$

13.76cm²

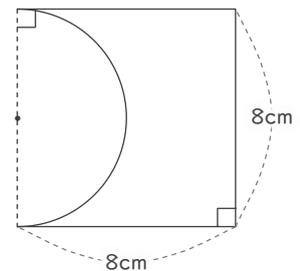
⑧



$$\begin{aligned} 3 \times 3 \times 3.14 \div 2 &= 14.13 \\ 3 \times 3 &= 9 \\ 14.13 + 9 &= 23.13 \end{aligned}$$

23.13cm²

⑨



$$\begin{aligned} 8 \times 8 &= 64 \\ 4 \times 4 \times 3.14 \div 2 &= 25.12 \\ 64 - 25.12 &= 38.88 \end{aligned}$$

38.88cm²