

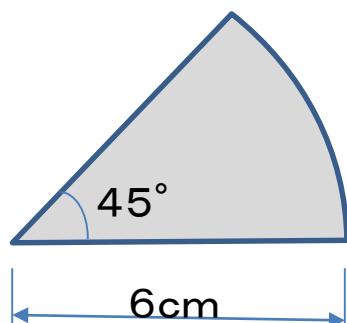
よく出る円の面積①



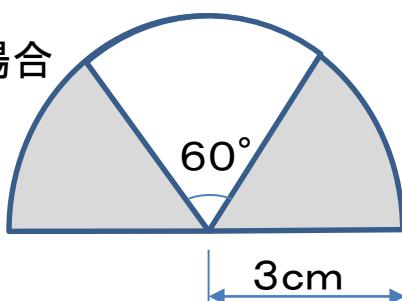
名前 _____

部分の面積を求めよ！

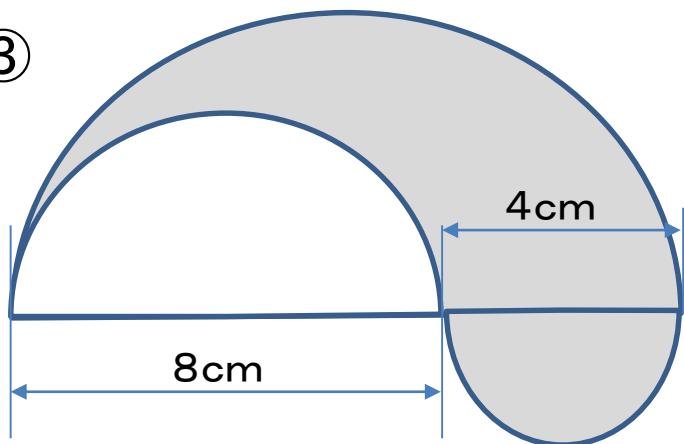
①



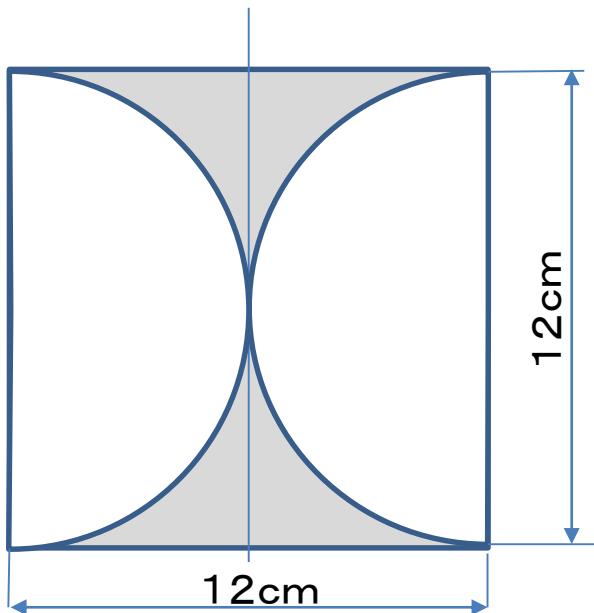
②半円の場合



③



④



$$\textcircled{1} (6 \times 6 \times 3.14) \times \frac{1}{8} = 14.13 \text{cm}^2 \quad \textcircled{2} (3 \times 3 \times 3.14) \times \frac{120}{360} = 9.42 \text{cm}^2 \quad (\text{円の面積の部分は、} 360 - (180 + 60) = 120)$$

$$\textcircled{3} (6 \times 6 \times 3.14) - (4 \times 4 \times 3.14) + (2 \times 2 \times 3.14) = 75.36 \quad \text{すべて半円なので} 75.36 \div 2 = 37.68 \text{cm}^2$$

$$\textcircled{4} \text{正方形の面積-円の面積} = (12 \times 12) - (6 \times 6 \times 3.14) = 30.96 \text{cm}^2$$