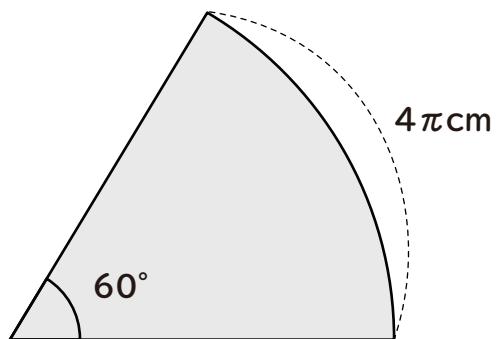


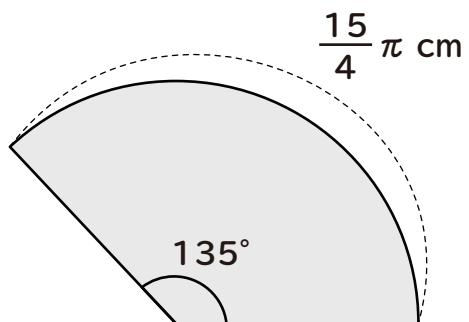
おうぎ形の弧の長さ

次のおうぎ形の半径を求めましょう。

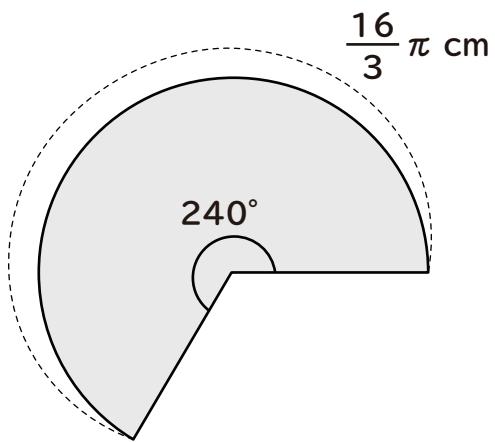
①



②



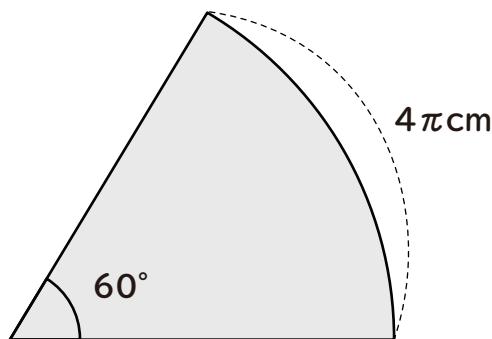
③



おうぎ形の弧の長さ

次のおうぎ形の半径を求めましょう。

①



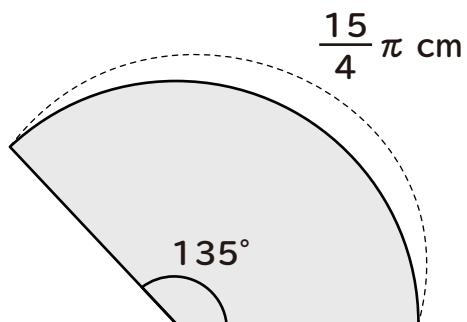
半径を r とすると

$$2\pi \times r \times \frac{60}{360} = 4\pi$$

$$r = 12$$

12cm

②



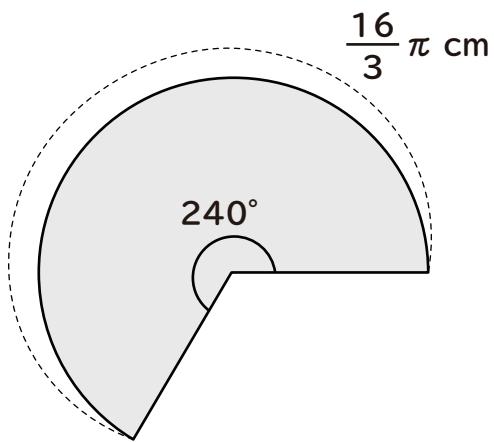
半径を r とすると

$$2\pi \times r \times \frac{135}{360} = \frac{15}{4}\pi$$

$$r = 5$$

5cm

③



半径を r とすると

$$2\pi \times r \times \frac{240}{360} = \frac{16}{3}\pi$$

$$r = 4$$

4cm