

# 円周角の定理の基本

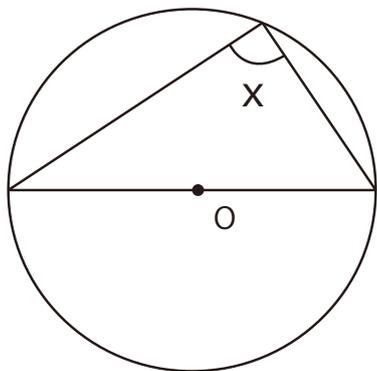
NO.2

名前

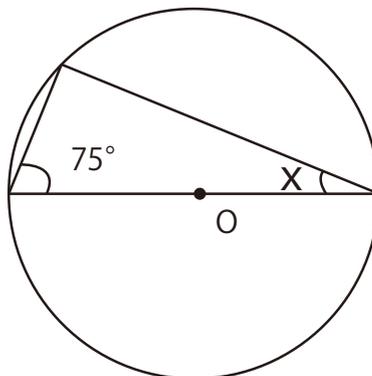
/ 6 点

1 下の図で角xの大きさを求めなさい。

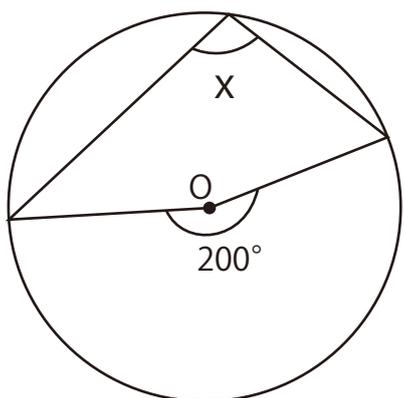
①



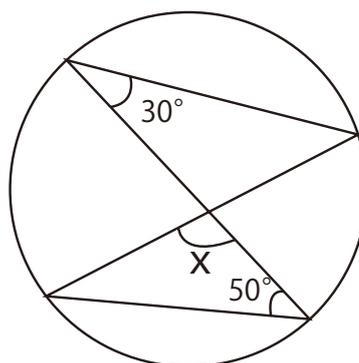
②



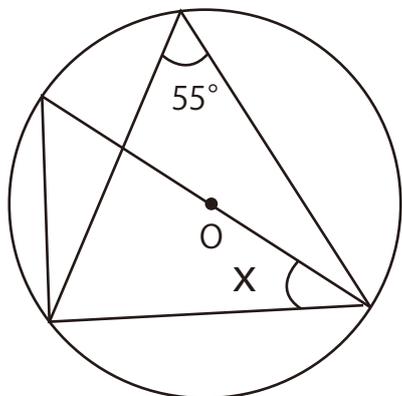
③



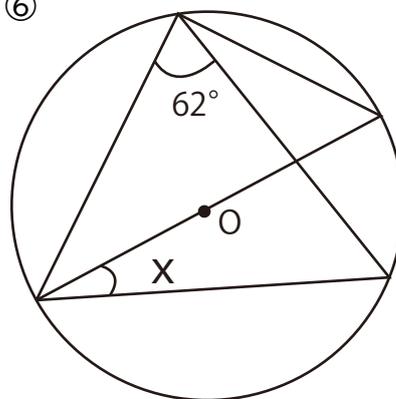
④



⑤



⑥



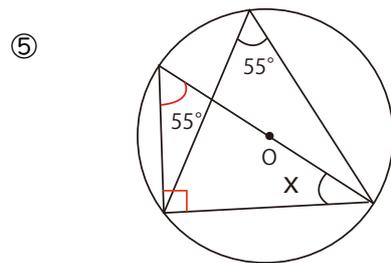
解答

①  $180 \div 2 = 90^\circ$

②  $180 - (90 + 75)$   
 $= 15^\circ$

③  $200 \div 2 = 100^\circ$

④  $180 - (30 + 50)$   
 $= 100^\circ$



$$180 - (55 + 90)$$

$$= 180 - 145$$

$$= 35^\circ$$

⑥  $90 - 62 = 28^\circ$

