

円周角の定理の基本

NO 2

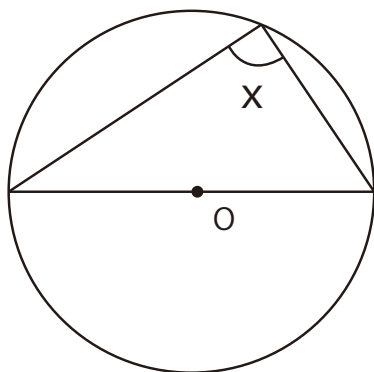
名前

／6 点

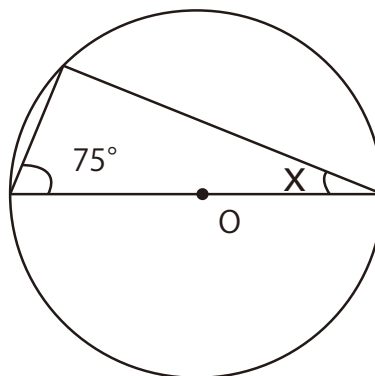
1

下の図で角xの大きさを求めなさい。

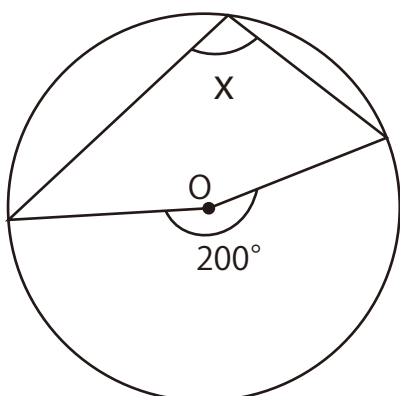
①



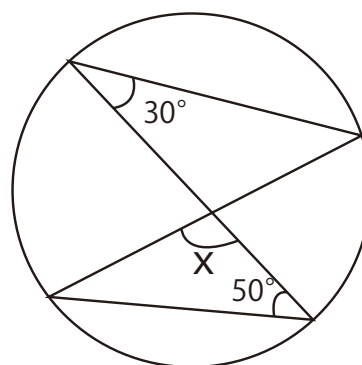
②



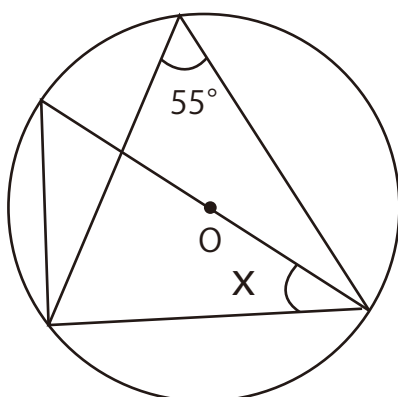
③



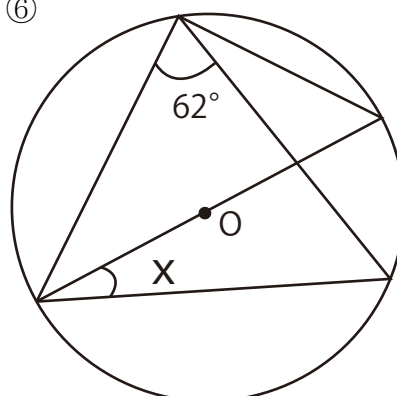
④



⑤



⑥



解答

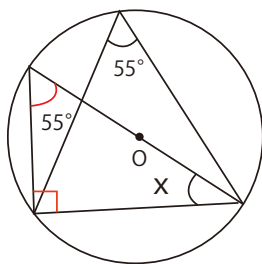
① $180 \div 2 = 90^\circ$

② $180 - (90 + 75)$
 $= 15^\circ$

③ $220 \div 2 = 110^\circ$

④ $180 - (30 + 50)$
 $= 100^\circ$

⑤



$$180 - (55 + 90)$$

$$= 180 - 145$$

$$= 35^\circ$$

⑥

$$90 - 62 = 28^\circ$$

