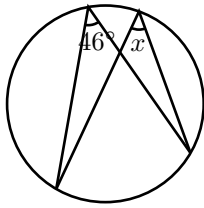


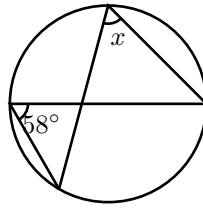
反射テスト 角度 円周角の定理 基本 01

1. $\angle x$ の角度を求めよ. (S 級 20 秒, A 級 40 秒, B 級 1 分, C 級 1 分 30 秒)

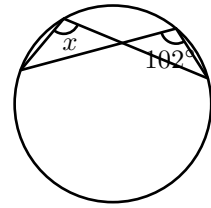
(1)



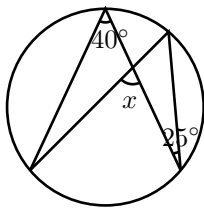
(2)



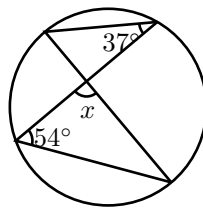
(3)



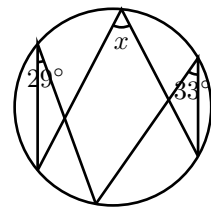
(4)



(5)

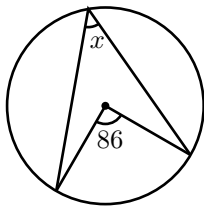


(6)

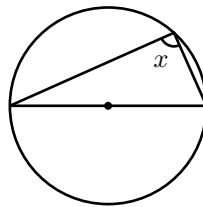


2. $\angle x$ の角度を求めよ. (S 級 20 秒, A 級 40 秒, B 級 1 分, C 級 1 分 30 秒)

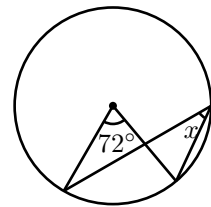
(1)



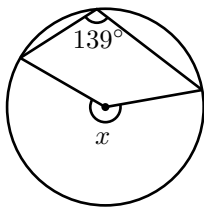
(2)



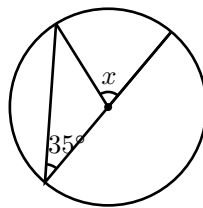
(3)



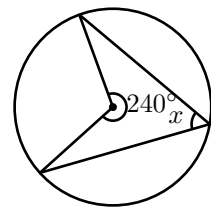
(4)



(5)

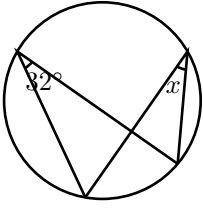


(6)

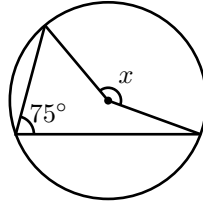


3. $\angle x$ の角度を求めよ. (S 級 30 秒, A 級 50 秒, B 級 1 分 30 秒, C 級 2 分 30 秒)

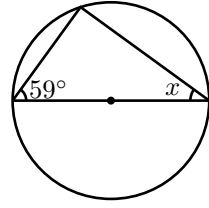
(1)



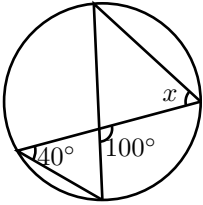
(2)



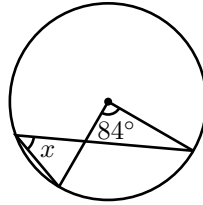
(3)



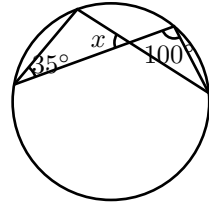
(4)



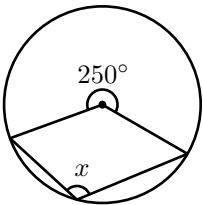
(5)



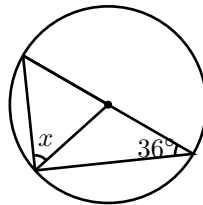
(6)



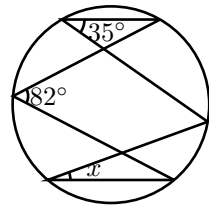
(7)



(8)



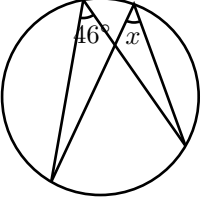
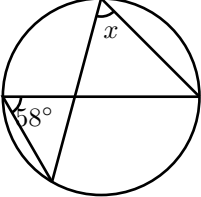
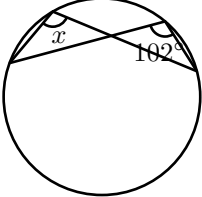
(9)

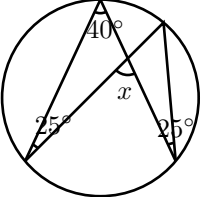
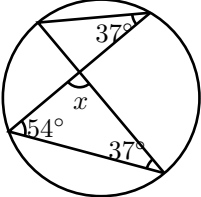
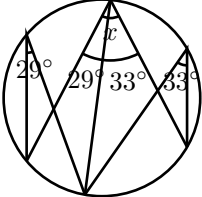


反射テスト 角度 円周角の定理 基本 01 解答解説

1. $\angle x$ の角度を求めよ。(S級 20 秒, A級 40 秒, B級 1 分, C級 1 分 30 秒)

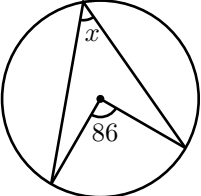
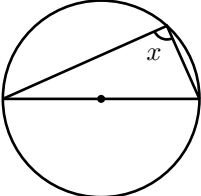
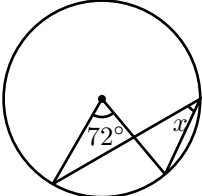
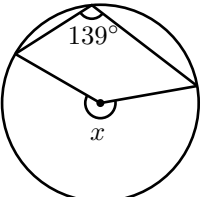
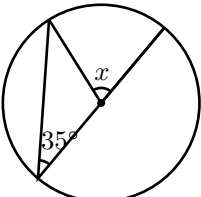
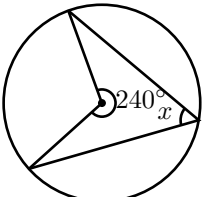
★ 円周角の定理① 同一弧 (または同じ長さの弧) の円周角は等しい.

(1)		(2)		(3)	
	$\angle x = 46^\circ \quad \dots$ 答え		$\angle x = 58^\circ \quad \dots$ 答え		$\angle x = 102^\circ \quad \dots$ 答え

(4)		(5)		(6)	
	$\angle x = 40 + 25 = 65^\circ \quad \dots$ 答え		$\angle x = 180 - (54 + 37) = 89^\circ \quad \dots$ 答え		$\angle x = 29 + 33 = 62^\circ \quad \dots$ 答え

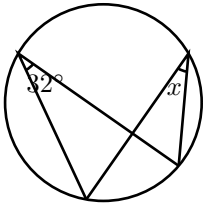
2. $\angle x$ の角度を求めよ。(S級 20 秒, A級 40 秒, B級 1 分, C級 1 分 30 秒)

★ 円周角の定理② 円周角は中心角の $\frac{1}{2}$.

(1)		(2)		(3)	
	$\angle x = \frac{86}{2} = 43^\circ \quad \dots$ 答え		$\angle x = \frac{180}{2} = 90^\circ \quad \dots$ 答え		$\angle x = \frac{72}{2} = 36^\circ \quad \dots$ 答え
(4)		(5)		(6)	
	$\angle x = 139 \times 2 = 278^\circ \quad \dots$ 答え		$\angle x = 35 \times 2 = 70^\circ \quad \dots$ 答え		$\angle x = (360 - 240) \div 2 = 60^\circ \quad \dots$ 答え

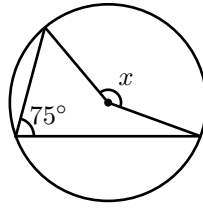
3. $\angle x$ の角度を求めよ。(S級 30秒, A級 50秒, B級 1分 30秒, C級 2分 30秒)

(1)



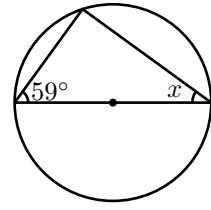
$$\angle x = 32^\circ \quad \dots \text{答え}$$

(2)



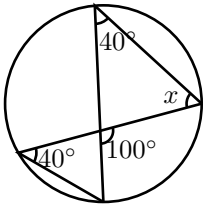
$$\angle x = 75 \times 2 = 150^\circ \quad \dots \text{答え}$$

(3)



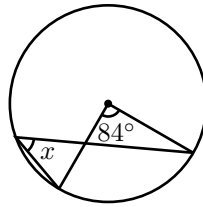
$$\begin{aligned} \angle x &= 180 - (59 + 90) \\ &= 31^\circ \quad \dots \text{答え} \end{aligned}$$

(4)



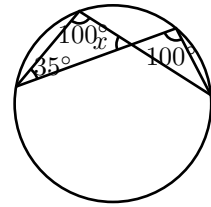
$$\angle x = 100 - 40 = 60^\circ \quad \dots \text{答え}$$

(5)



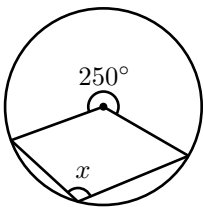
$$\angle x = \frac{84}{2} = 42^\circ \quad \dots \text{答え}$$

(6)



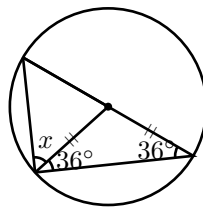
$$\begin{aligned} \angle x &= 180 - (100 + 35) \\ &= 45^\circ \quad \dots \text{答え} \end{aligned}$$

(7)



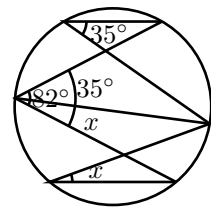
$$\angle x = 250 \div 2 = 125^\circ \quad \dots \text{答え}$$

(8)



$$\angle x = 90 - 36 = 54^\circ \quad \dots \text{答え}$$

(9)



$$\angle x = 82 - 35 = 47^\circ \quad \dots \text{答え}$$