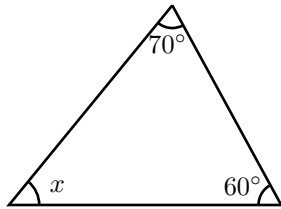


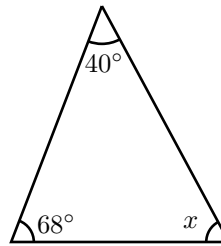
反射テスト 角度 三角形 内角の和 01

1. 角度 x を求めよ. (S 級 20 秒, A 級 40 秒, B 級 1 分, C 級 2 分)

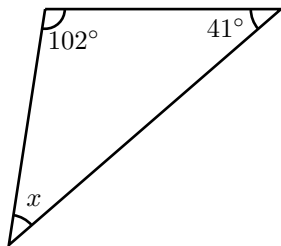
(1)



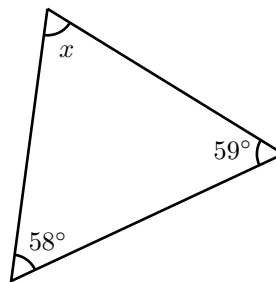
(2)



(3)

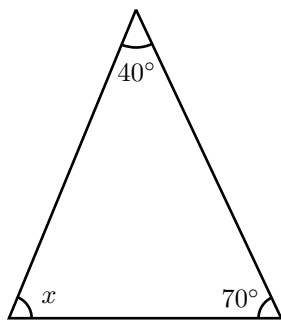


(4)

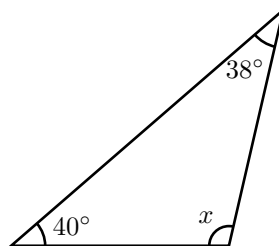


2. 角度 x を求めよ. (S 級 23 秒, A 級 45 秒, B 級 1 分 10 秒, C 級 2 分)

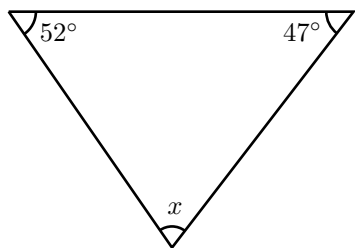
(1)



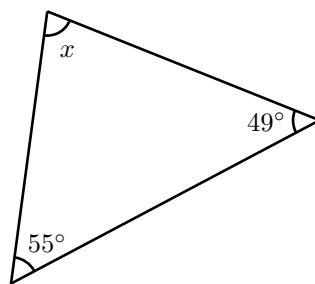
(2)



(3)



(4)

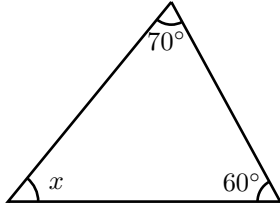


反射テスト 角度 三角形 内角の和 01 解答解説

1. 角度 x を求めよ. (S 級 20 秒, A 級 40 秒, B 級 1 分, C 級 2 分)

★ 三角形の内角の和 = 180° … ★ 図形の基本は三角形

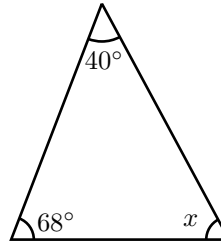
(1)



$$70 + x + 60 = 180$$

$$\Rightarrow x = 180 - (70 + 60) = \mathbf{50^\circ}$$

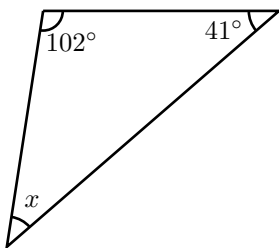
(2)



$$40 + 68 + x = 180$$

$$\Rightarrow x = 180 - (40 + 68) = \mathbf{72^\circ}$$

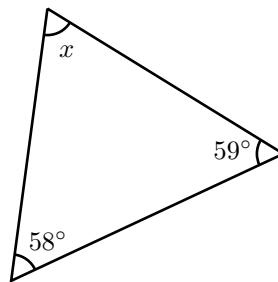
(3)



$$102 + x + 41 = 180$$

$$\Rightarrow x = 180 - (102 + 41) = \mathbf{37^\circ}$$

(4)



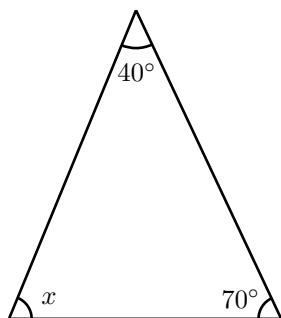
$$x + 58 + 59 = 180$$

$$\Rightarrow x = 180 - (58 + 59) = \mathbf{63^\circ}$$

2. 角度 x を求めよ. (S 級 23 秒, A 級 45 秒, B 級 1 分 10 秒, C 級 2 分)

★ 三角形の内角の和 $= 180^\circ$ … ★ 図形の基本は三角形

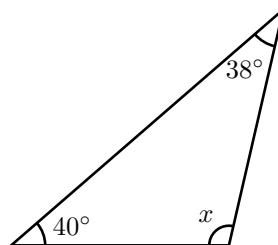
(1)



$$40 + x + 70 = 180$$

$$\Rightarrow x = 180 - (40 + 70) = \mathbf{70^\circ}$$

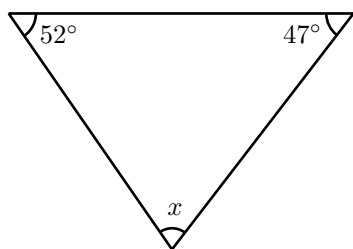
(2)



$$38 + 40 + x = 180$$

$$\Rightarrow x = 180 - (38 + 40) = \mathbf{102^\circ}$$

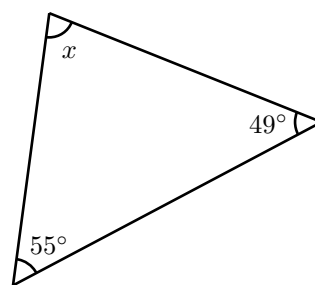
(3)



$$52 + x + 47 = 180$$

$$\Rightarrow x = 180 - (52 + 47) = \mathbf{81^\circ}$$

(4)



$$x + 55 + 49 = 180$$

$$\Rightarrow x = 180 - (55 + 49) = \mathbf{76^\circ}$$