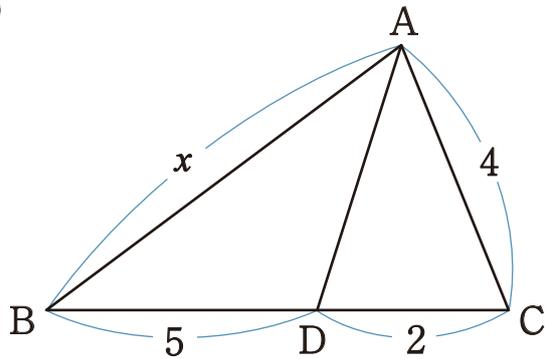
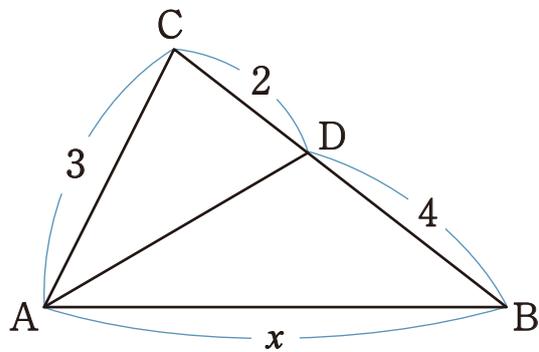


1 次の図で $\angle BAD = \angle CAD$ のとき、 x の値を求めなさい。

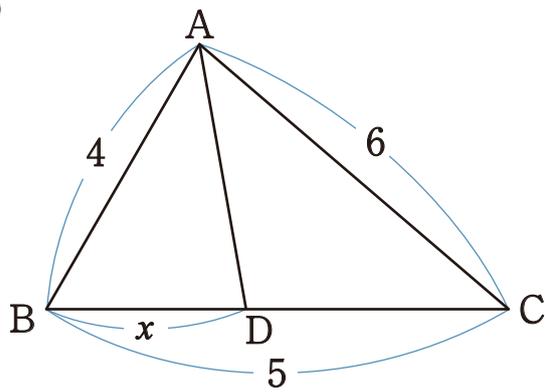
①



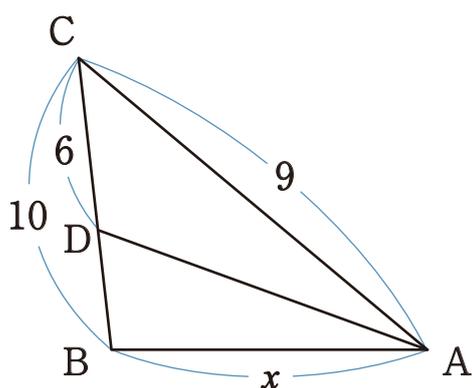
②



③

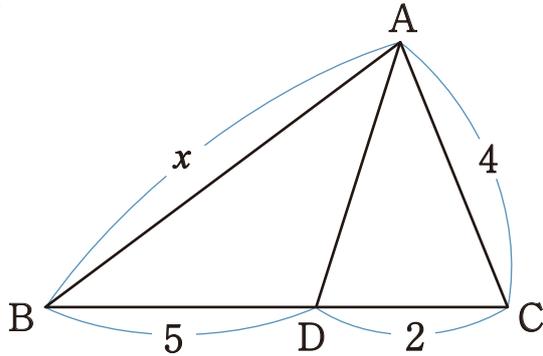


④



1 次の図で $\angle BAD = \angle CAD$ のとき、 x の値を求めなさい。

①



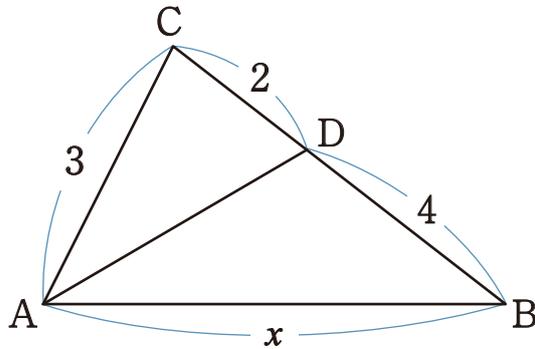
$$x = 10$$

$$x : 4 = 5 : 2$$

$$2x = 20$$

$$x = 10$$

②



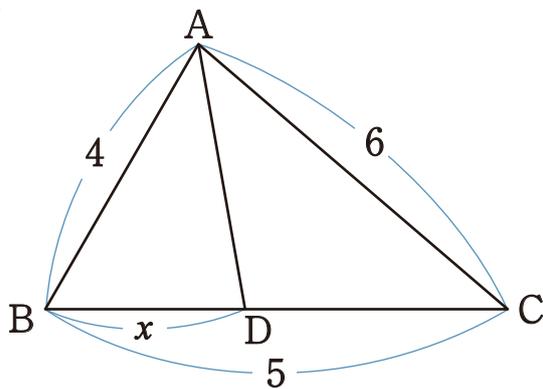
$$x = 6$$

$$x : 3 = 4 : 2$$

$$2x = 12$$

$$x = 6$$

③



$$x = 2$$

$$4 : 6 = x : (5 - x)$$

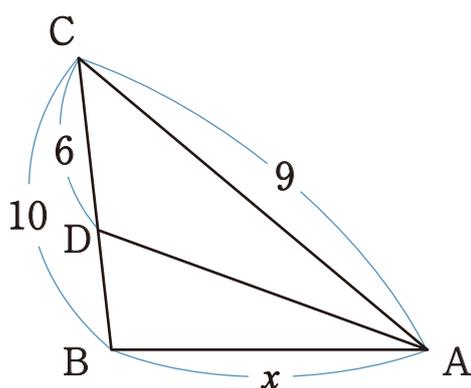
$$6x = 4(5 - x)$$

$$6x = 20 - 4x$$

$$10x = 20$$

$$x = 2$$

④



$$x = 6$$

$$9 : x = 6 : (10 - 6)$$

$$6x = 36$$

$$x = 6$$