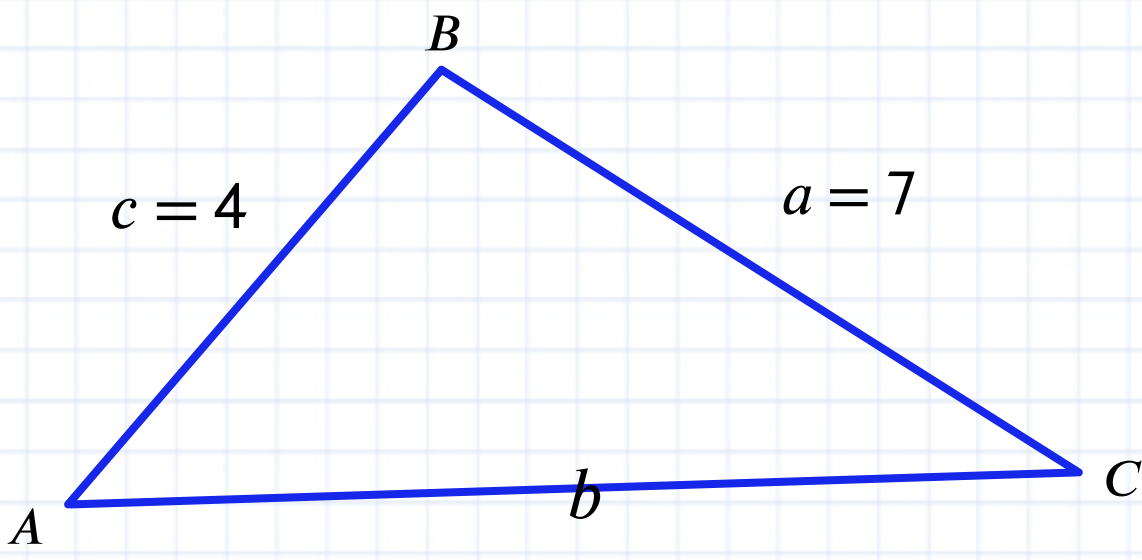


Calcular el máximo valor entero del lado AC del $\triangle ABC$.

$$a - c < b < a + c$$



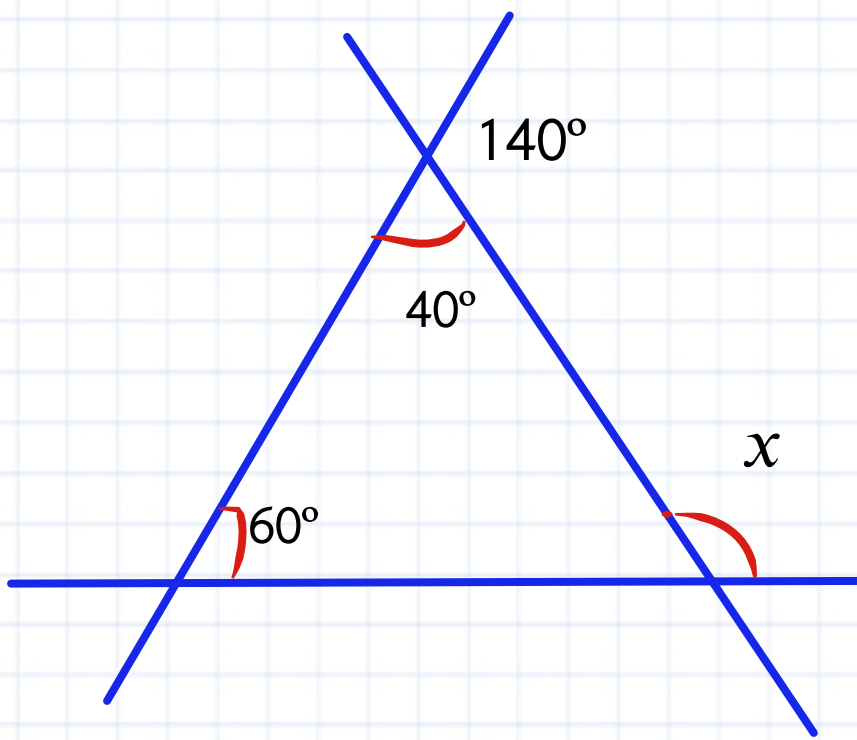
$$7 - 4 < b < 7 + 4$$

$$3 < b < 11$$

$$b = 4, 5, 6, 7, 8, 9, 10$$

$$b = 10$$

1



$$x = 60 + 40$$

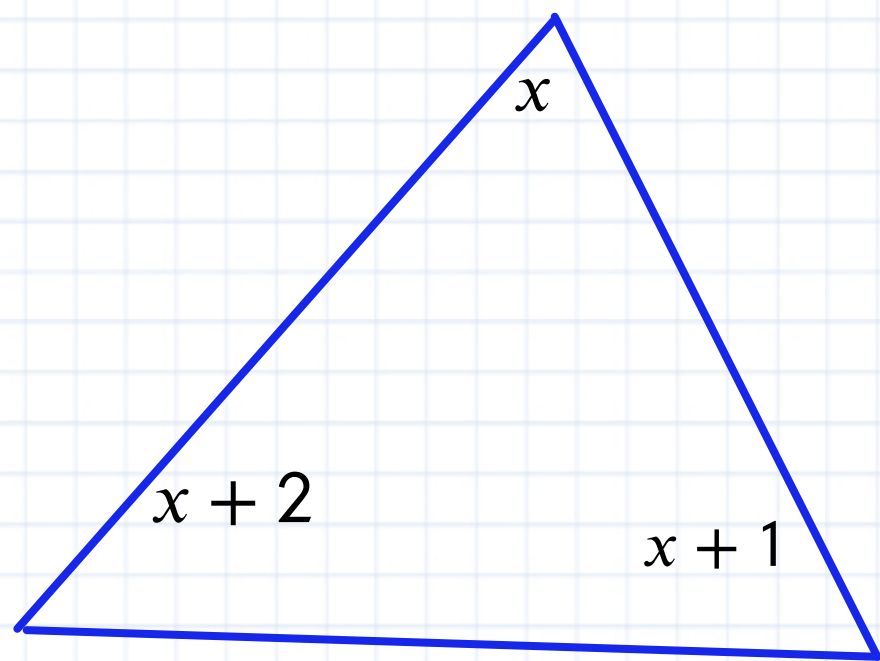
$$x = 100^\circ$$

2

Determinar el menor ángulo interior de un triángulo, sabiendo que son tres números consecutivos.

$$4, 5, 6, 7, \dots$$

$$x, x + 1, x + 2, \dots$$



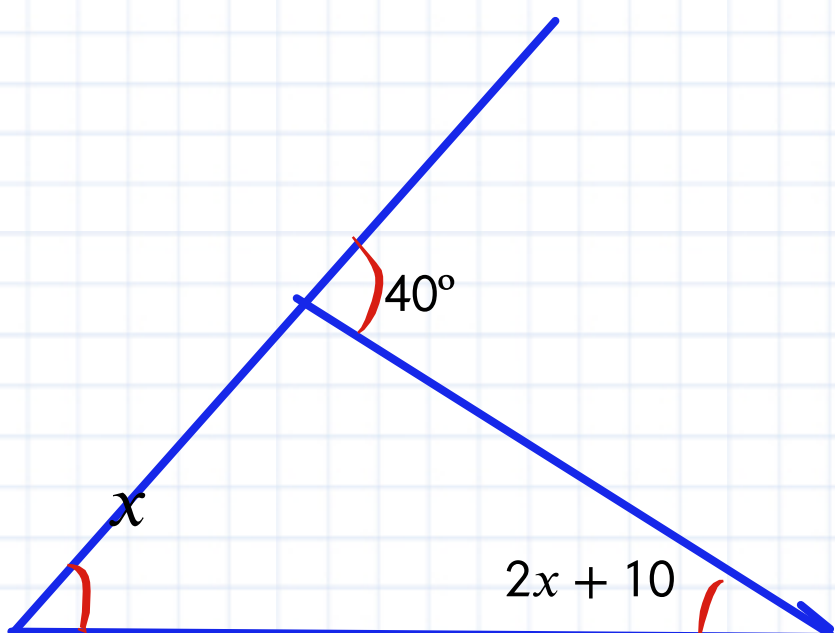
$$x + x + 1 + x + 2 = 180^\circ$$

$$3x + 3 = 180^\circ$$

$$3x = 180 - 3$$

$$x = \frac{177}{3}$$

$$x = 59^\circ$$



$$x + 2x + 10 = 40$$

$$3x = 40 - 10$$

$$x = \frac{30}{3}$$

$$x = 10^\circ$$