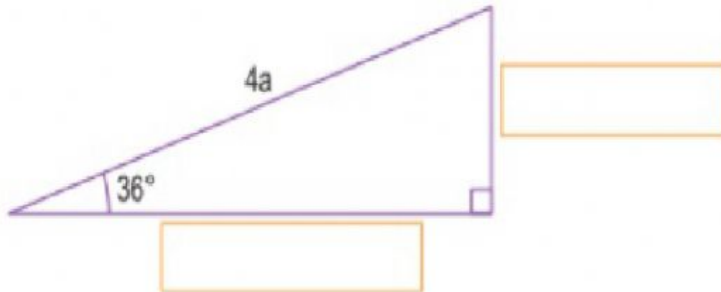


PRÁCTICA DE APLICACIÓN - TRIÁNGULOS NOTABLES



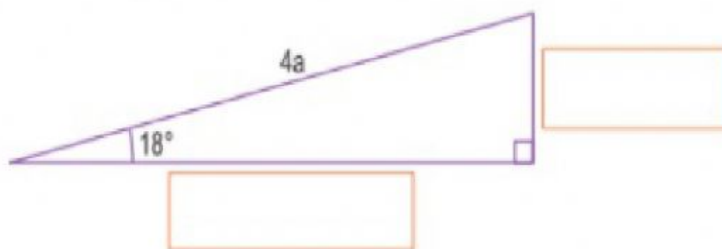
Completa los recuadros en función de a .



$$a\sqrt{10 + 2\sqrt{5}}$$

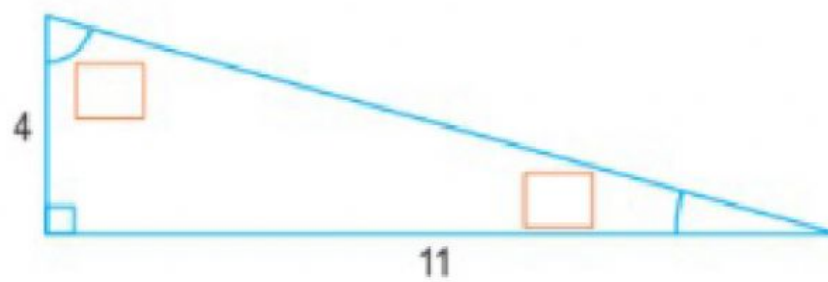
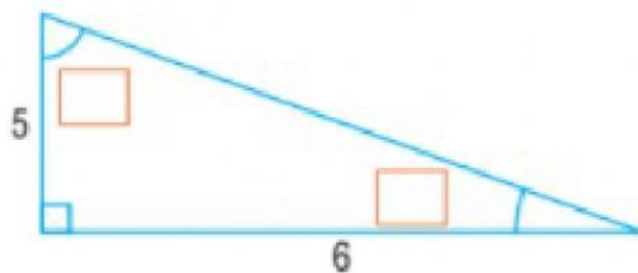
$$a(\sqrt{5} - 1)$$

$$a(\sqrt{5} + 1)$$

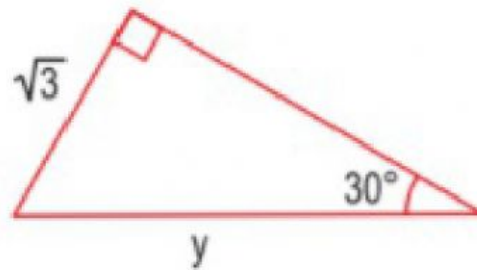
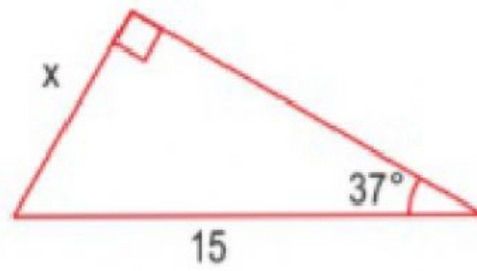


$$a\sqrt{10 - 2\sqrt{5}}$$

Completa los círculos con los valores correspondientes.



De las figuras mostradas, halla: $x^2 + y^2$.



A) 93

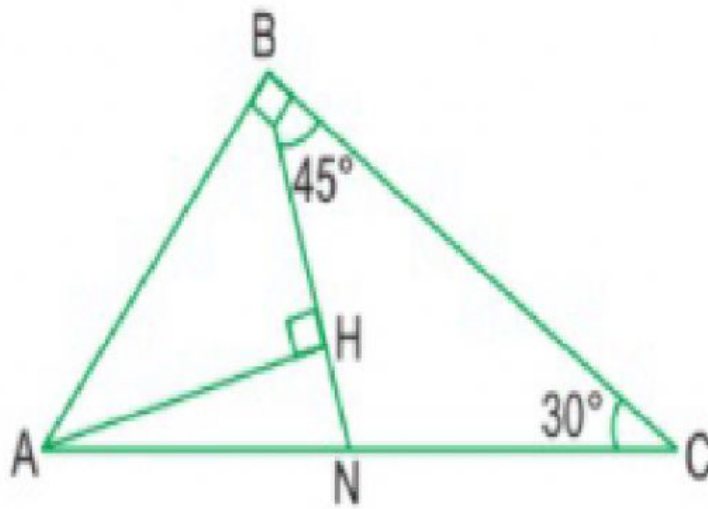
B) 103

C) 83

D) 69

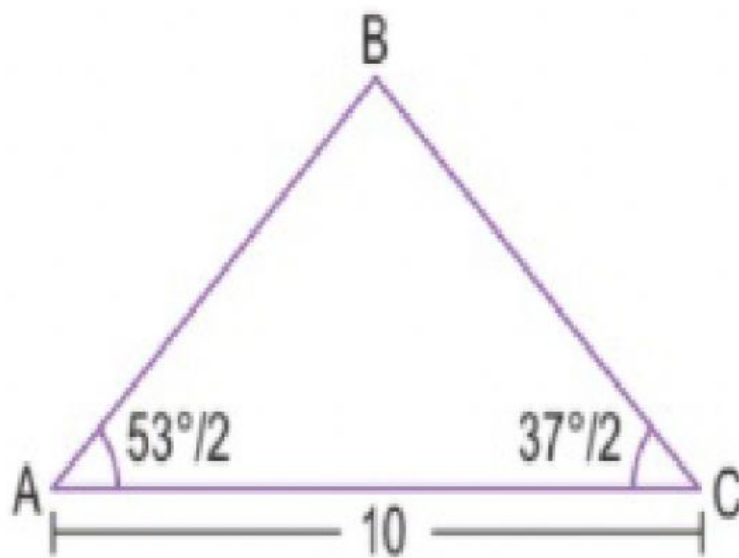
E) 79

Según el gráfico, $BH = \frac{5\sqrt{2}}{2}$. Calcula AC.



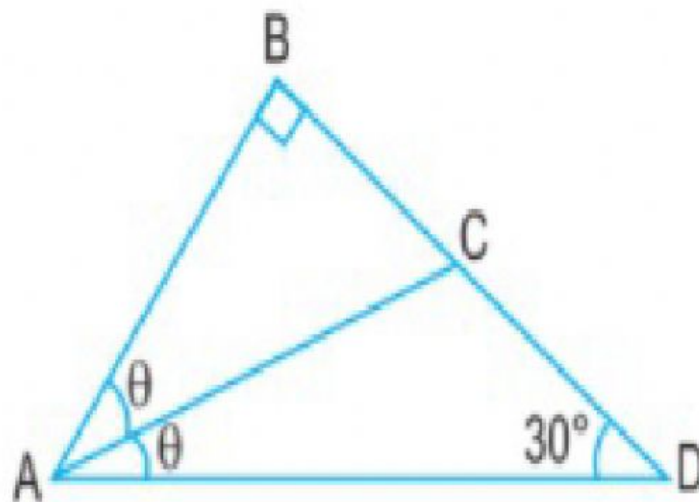
- A) 30
- B) 10
- C) 5
- D) $10\sqrt{2}$
- E) $7\sqrt{2}$

Según el gráfico, calcula AB.



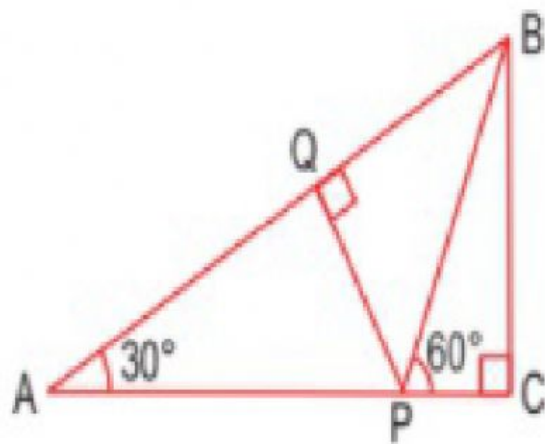
- A) $2\sqrt{5}$
- B) $3\sqrt{5}$
- C) $2\sqrt{10}$
- D) $3\sqrt{10}$
- E) 5

En la figura, calcula CD, si: $BC = 14$ m.



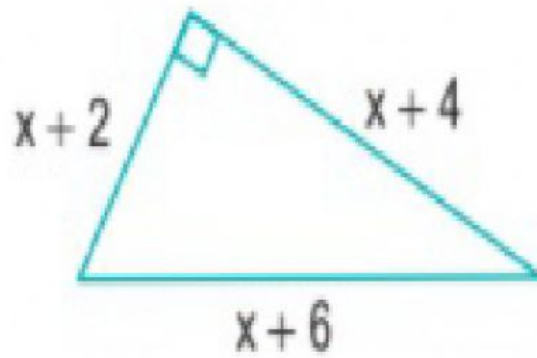
- A) 20 m
- B) 26 m
- C) 28 m
- D) 14 m
- E) 29 m

En la figura, $BC = 30$ m. Calcula PQ.



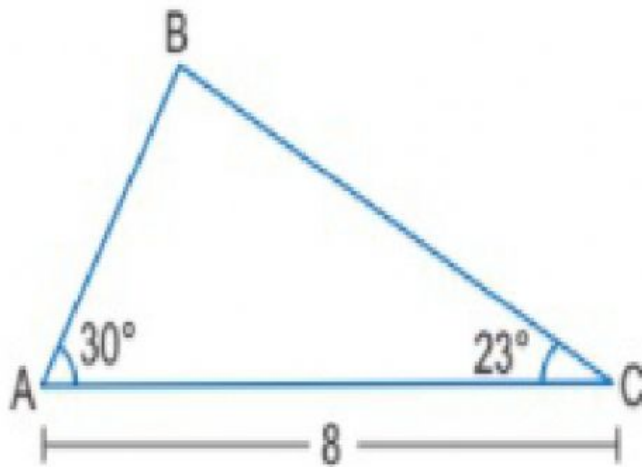
- A) $9\sqrt{3}$ m
- B) $14\sqrt{3}$ m
- C) $12\sqrt{3}$ m
- D) $8\sqrt{3}$ m
- E) $10\sqrt{3}$ m

De la figura, calcula el valor de x .



- A) 3
- B) 4
- C) 5
- D) 2
- E) 6

Según el gráfico, calcula BC.



- A) $3\sqrt{3}$
- B) 5
- C) $3\sqrt{2}$
- D) 4
- E) 6