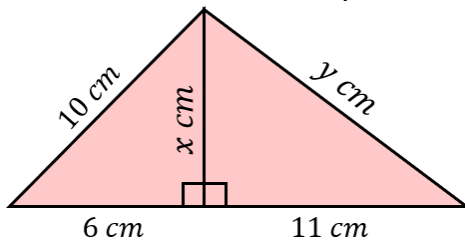


Multi-Step Pythagoras' Theorem

(a)

Find x and y , rounding to 1 decimal place where necessary.

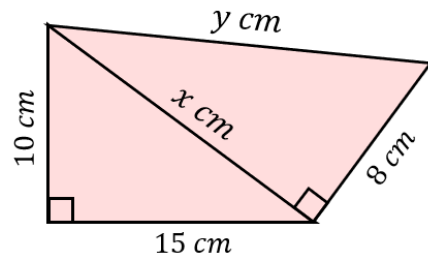


$$x = 8 \text{ cm}$$

$$y = 13.6 \text{ cm}$$

(b)

Find x and y , rounding to 1 decimal place where necessary.

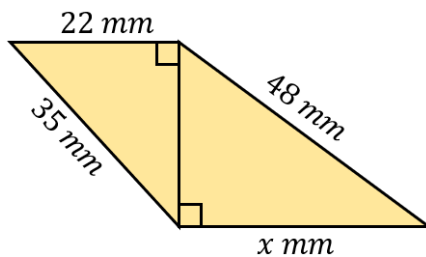


$$x = 18.0 \text{ cm}$$

$$y = 19.7 \text{ cm}$$

(c)

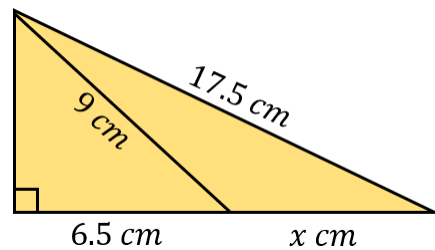
Find x , to 1 decimal place.



$$x = 39.5 \text{ mm}$$

(d)

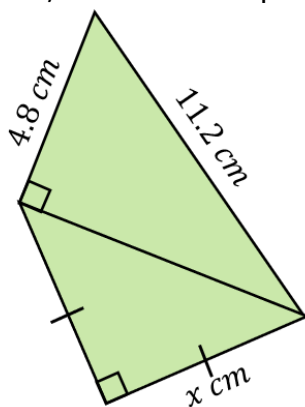
Find x , to 1 decimal place.



$$x = 9.9 \text{ cm}$$

(e)

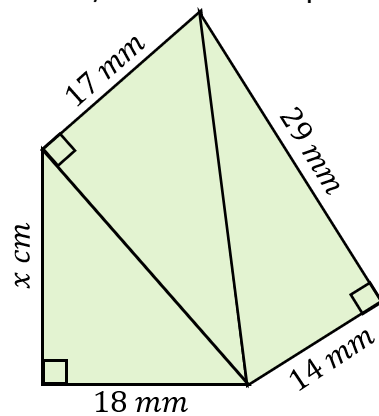
Find x , to 1 decimal place.



$$x = 7.2 \text{ cm}$$

(f)

Find x , to 1 decimal place.



$$x = 20.6 \text{ mm}$$