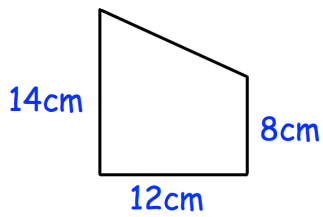


24th May



Corbettmaths



A frame is made from wire.
The frame is a trapezium
Calculate the total amount of wire needed to make the frame.

Give your answer to 1 decimal place.

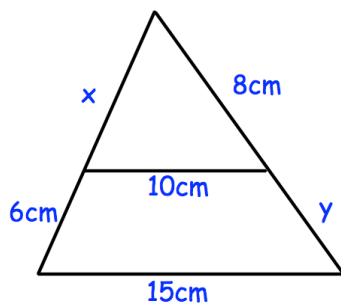
The equation below can have irrational or rational solutions.

$$5x^2 = \frac{1}{a}$$

Write down a value for **a** which gives rational solutions.

Write down a value for **a** which gives irrational solutions.

Write down a value for **a** which gives no solutions.



Find x and y.



Calculate bearing of A from B.