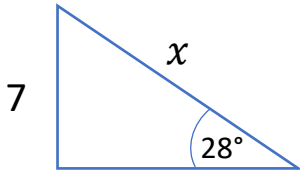
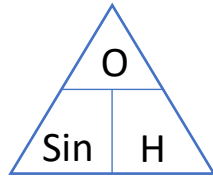


Examples:

Find the missing length x



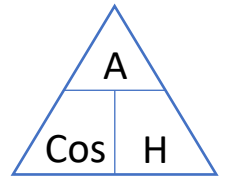
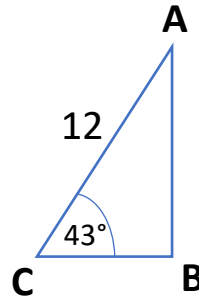
$$x = 14.9$$



$$H = \frac{O}{\sin}$$

$$x = \frac{7}{\sin(28)}$$

Find side length BC



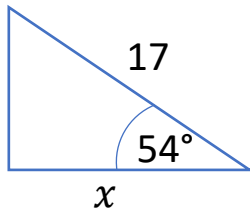
$$A = \cos x H$$

$$A = \cos(43) \times 12$$

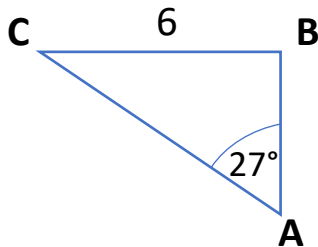
$$A = 8.78$$

Remember: SOH – CAH – TOA . Make sure you know whether you need to multiply or divide.

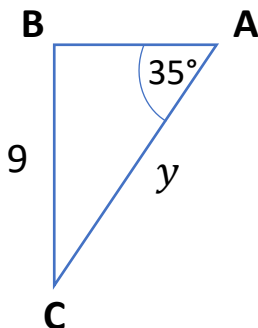
Q1) Find the value of x to 1 s.f –



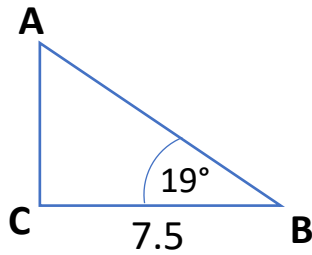
Q2) Find the value of AB to 2 decimal places-



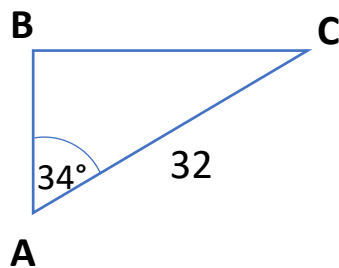
Q3) Find the value of y to one decimal place -



Q4) Find the value of AC to the nearest whole number -

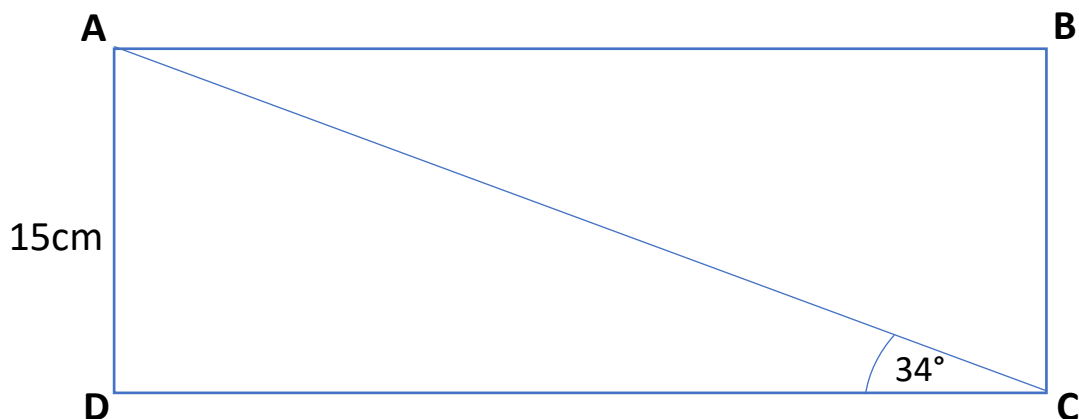


Q5) Find the value of AB to 2 decimal places -



Q6) A tree has fallen against a wall at an angle of 41° , and the wall is 8m high. How long is the tree?

Q7) Below is a rectangle, ABCD.



Find the length of the diagonal AC.