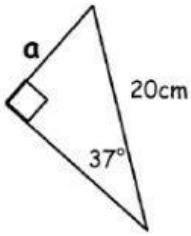
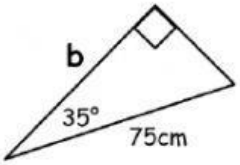
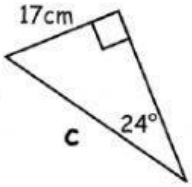
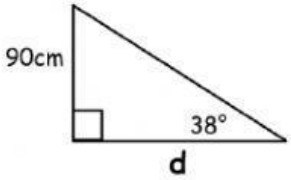
Trigonometry SOH CAH TOA

Question 1 – Calculate the missing sides on the triangles below. Give your answer correct to 1 decimal place.



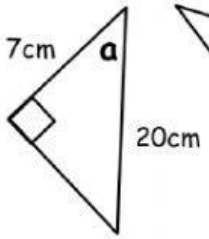


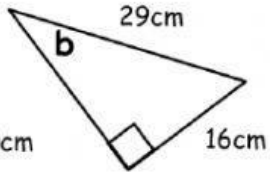


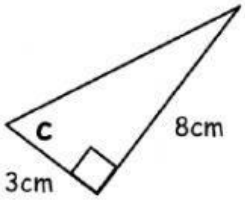


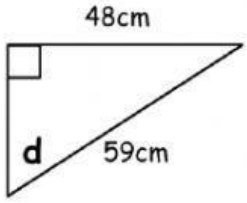
a = cm b = cm c = cm d = cm

Question 2 - Calculate the missing angles on the triangles below. Give your answer correct to 1 decimal place.









a = ° b = ° c = ° d = °

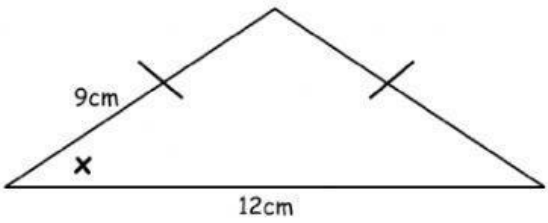
Question 3

A ladder of length 3.5m rests against a vertical wall and makes an angle of 40° with the floor. How far up the wall does the ladder reach? Give your answer correct to 1 decimal place.

It reaches m

Question 4

Find the angle X in the triangle below. Give your answer correct to 1 decimal place.



x = °

Question 5

A rope 10m long from the top of a vertical pole to a point on the ground makes an angle of 23° with the pole. How high is the pole? Give your answer correct to 1 decimal place.

The pole is m high

LIVEWORKSHEETS