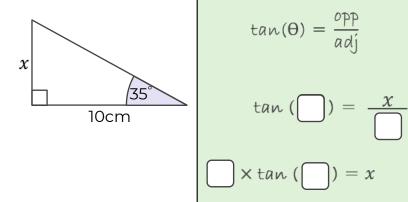
Maths



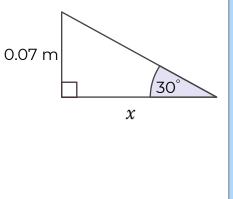


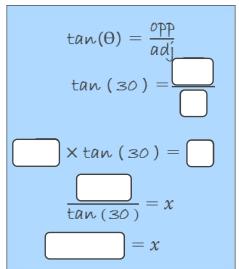
= x

1. Complete the working out to find the length labelled x to 1 decimal place.



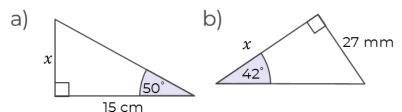
2. Complete the working out to find the length labelled x to 1 decimal place.

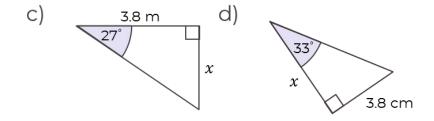




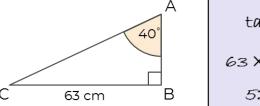


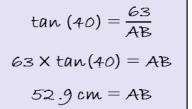
3. Find the lengths labelled x. Give your answers correct to 3 significant figures.





4. Lycia is finding the length AB.





What mistake has she made?

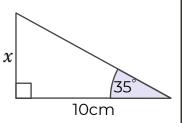
5. A ladder is placed against a wall. The base is 3 m from the bottom of the wall, at an angle of 60° with the floor. How high up the wall does the ladder reach?

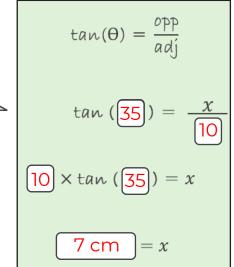


# **Answers**

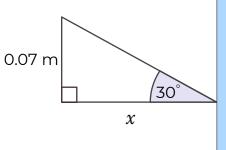


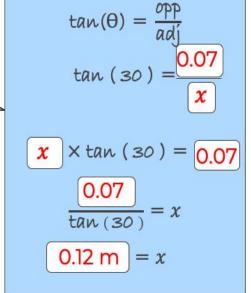
1. Complete the working out to find the length labelled x to 1 decimal place.





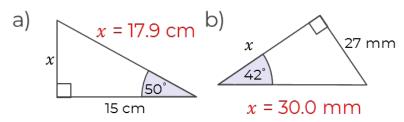
2. Complete the working out to find the length labelled x to 1 decimal place.

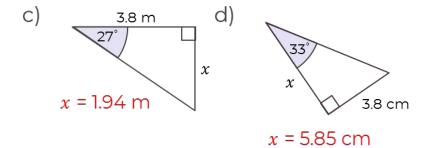




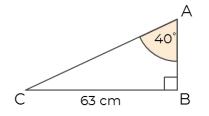


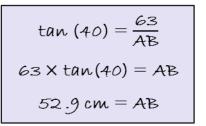
3. Find the lengths labelled x. Give your answers correct to 3 significant figures.





4. Lycia is finding the length AB.





What mistake has she made?

She has multiplied by 63. She should have multiplied by AB, then divide by tan(40).

5. A ladder is placed against a wall.

The base is 3 m from the bottom of the wall, at an angle of 60° with the floor.

How high up the wall does the ladder reach? 52 m

