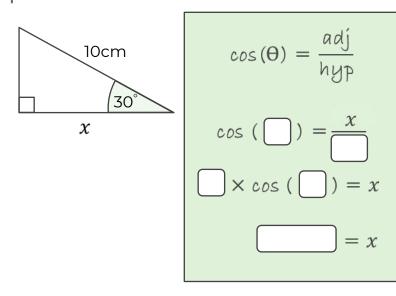
Maths

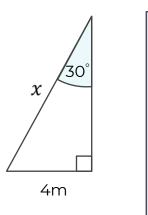
Miss Davies

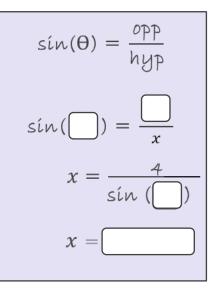


1. Complete the working out to find the length labelled x to 1 decimal place.

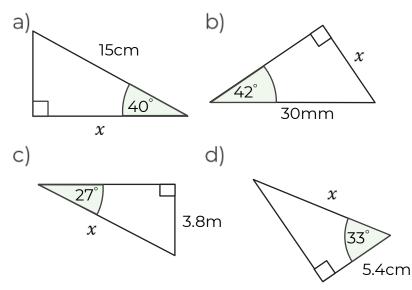


2. Complete the working out to find the length labelled x to 1 decimal place.

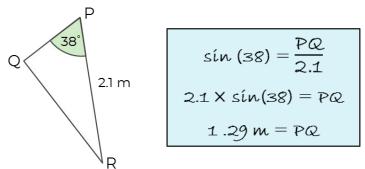




3. Find the lengths labelled *x*. Give your answers correct to 3 significant figures.



4. Spot the mistake.



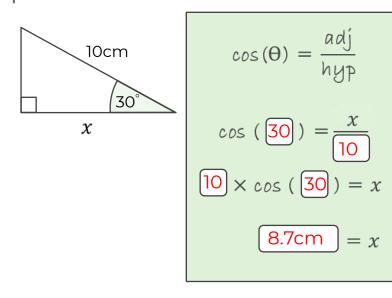
5. A ladder is placed against a wall. The base is 1.6 m from the bottom of the wall, at an angle of 60° with the floor.

What is the length of the ladder?

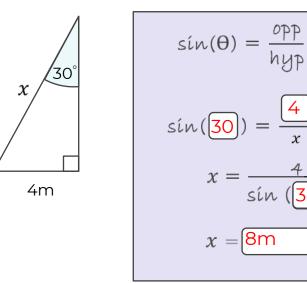


Answers

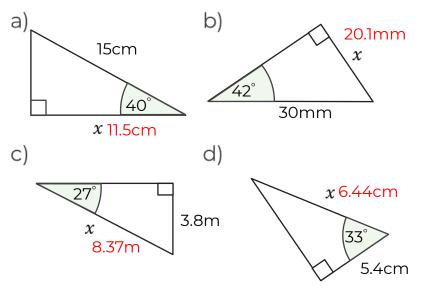
1. Complete the working out to find the length labelled x to 1 decimal place.



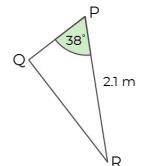
2. Complete the working out to find the length labelled x to 1 decimal place.



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



4. Spot the mistake.



$$sin (38) = \frac{PQ}{2.1}$$

2.1 X $sin(38) = PQ$
1.29 m = PQ

Should have used cosine

5. A ladder is placed against a wall. The base is 1.6 m from the bottom of the wall, at an angle of 60° with the floor.

What is the length of the ladder? 3.2 m