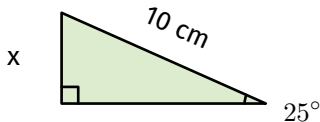


Start Tasks

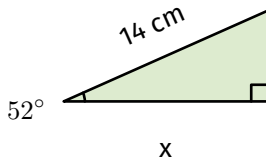


Use SOH CAH TOA to find the missing side, labelled x . Give each answer to 3 significant figures.

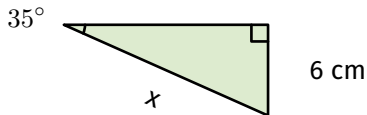
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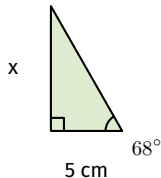
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3.



4.

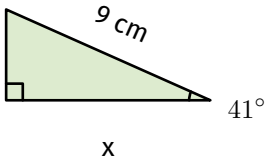


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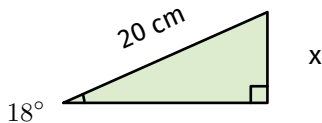


Use SOH CAH TOA to find the missing side, labelled x . Give each answer to 3 significant figures.

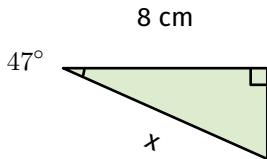
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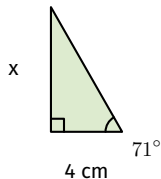
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7.



8.

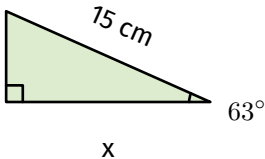


Start Tasks

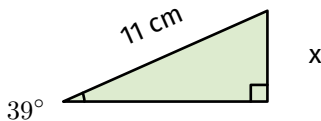


Use SOH CAH TOA to find the missing side, labelled x . Give each answer to 3 significant figures.

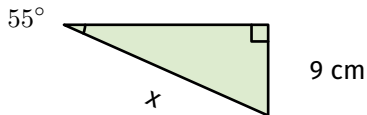
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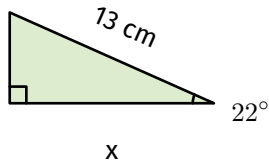
10.



11.



12.



Start Tasks



Use SOH CAH TOA to answer each question. Give each answer to 3 significant figures.

13. A ladder 4.5 m long leans against a wall, making an angle of 58° with the ground. Find the height it reaches up the wall.

14. A skateboard ramp makes an angle of 15° with the ground and has a base length of 6 m along the ground. Find the length of the ramp's sloped surface.

15. A kite string makes an angle of 42° with the ground. The kite is directly above a point 20 m, measured horizontally, from the flyer. Find the length of string let out.

16. A wire is attached from the top of a 7 m pole to a point on the ground, making an angle of 50° with the ground. Find the length of the wire.