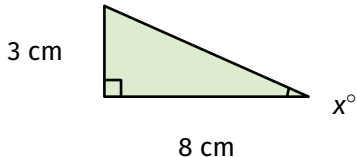


Start Tasks

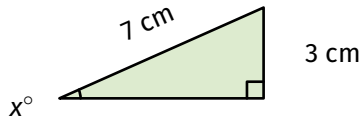


Use SOH CAH TOA to find the missing angle, labelled x . Give each answer to 1 decimal place.

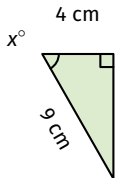
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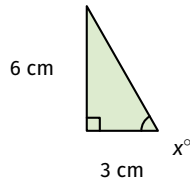
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3.



4.

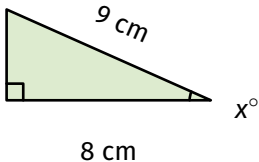


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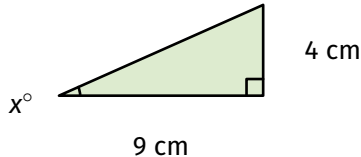


Use SOH CAH TOA to find the missing angle, labelled x . Give each answer to 1 decimal place.

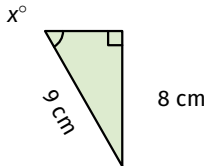
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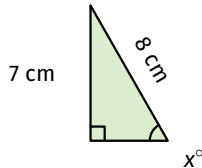
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7.



8.

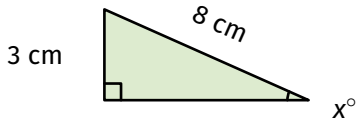


Start Tasks

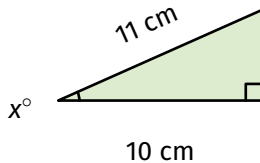


Use SOH CAH TOA to find the missing angle, labelled x . Give each answer to 1 decimal place.

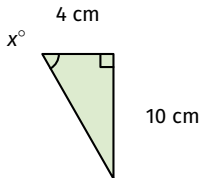
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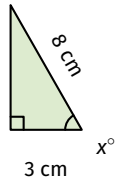
10.



11.



12.



Start Tasks



Use SOH CAH TOA to answer each question. Give each answer to 1 decimal place.

13. A ladder 7 m long leans against a wall. The foot of the ladder is 4 m from the wall. Find the angle the ladder makes with the ground.

14. A ramp rises 3 m over a horizontal distance of 10 m. Find the angle the ramp makes with the ground.

15. A kite is flying at a height of 4 m. The flyer stands directly below a point 7 m, measured horizontally, from the kite. Find the angle the kite string makes with the ground.

16. From a point 25 m from the base of a tower, the tower's height is 14 m. Find the angle of elevation to the top of the tower.