

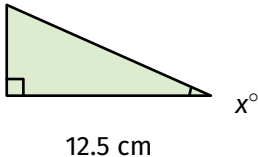
Build Tasks



Use SOH CAH TOA to find the missing angle, labelled x . Give each answer to 2 decimal places.

1.

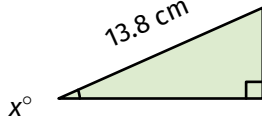
6.3 cm



2.

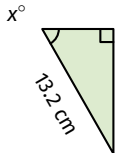
13.8 cm

5.4 cm



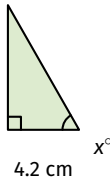
3.

5.8 cm



4.

8.6 cm

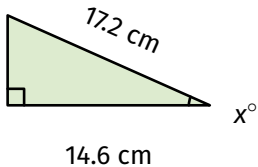


Build Tasks

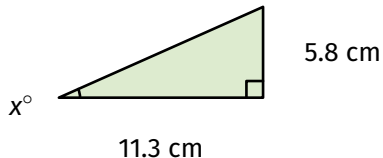


Use SOH CAH TOA to find the missing angle, labelled x . Give each answer to 2 decimal places.

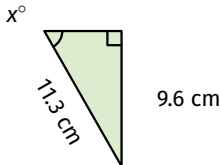
5.



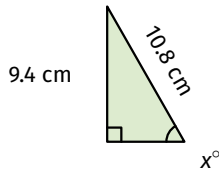
6.



7.



8.

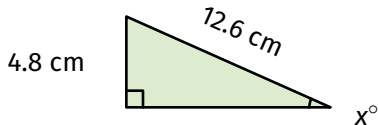


Build Tasks

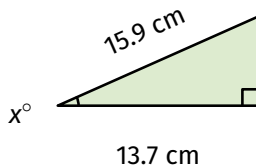


Use SOH CAH TOA to find the missing angle, labelled x . Give each answer to 2 decimal places.

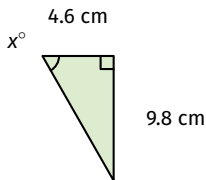
9.



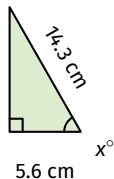
10.



11.



12.



Build Tasks



Use SOH CAH TOA to answer each question. Give each answer to 2 decimal places.

13. A ladder 8.1 m long leans against a wall. The foot of the ladder is 3.2 m from the wall. Find the angle the ladder makes with the ground.

14. A ramp rises 2.4 m over a horizontal distance of 9.6 m. Find the angle the ramp makes with the ground.

15. A guy-wire is attached to the top of a 6.5 m mast and meets the ground at a point 4.1 m from the base of the mast. Find the angle the wire makes with the ground.

16. From a point 32.5 m from the base of a cliff, the cliff's height is 19.8 m. Find the angle of elevation to the top of the cliff.