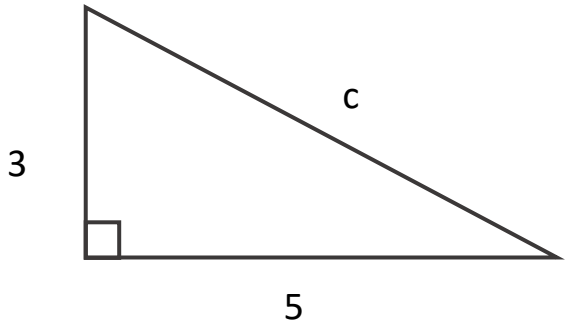
Pythagoras & SohCahToa Questions

Pythagoras' Theorem

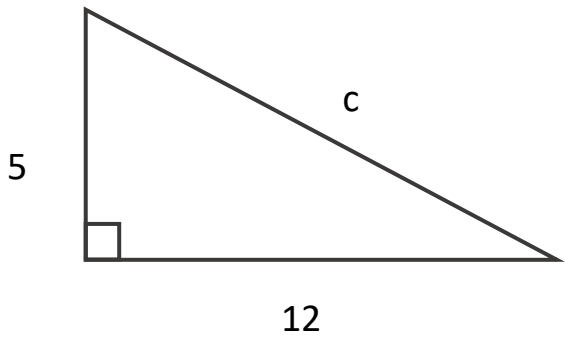
SohCahToa

Pythagoras' Theorem

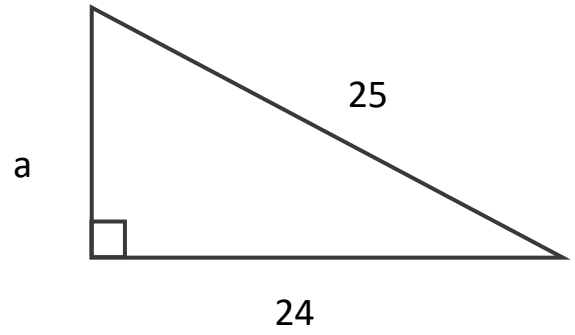
Q1) a) Find the missing side, *c*, in the following right-angled triangle.



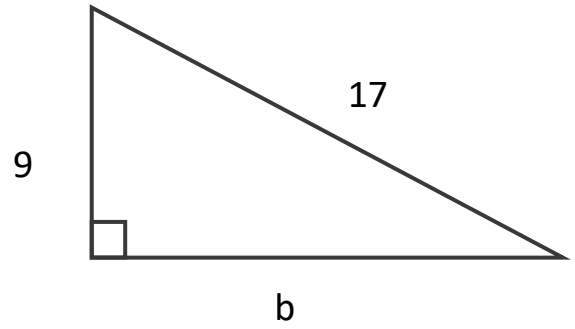
b) Find the missing side, *c*, in the following right-angled triangle.



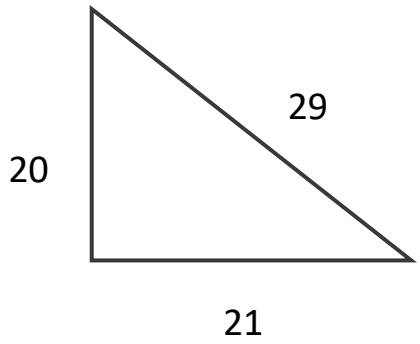
c) Find the missing side, a, in the following right-angled triangle.



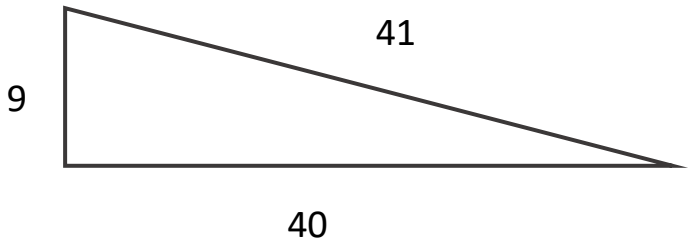
d) Find the missing side, b, in the following right-angled triangle.



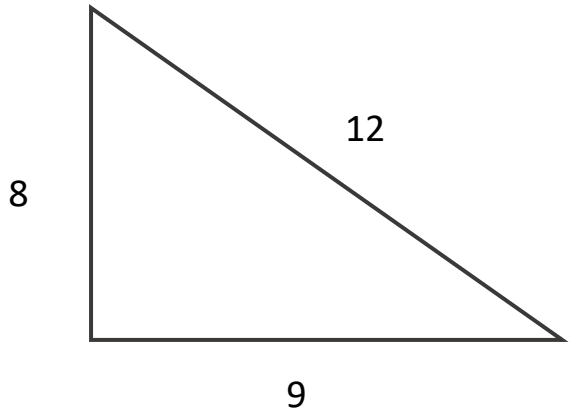
Q2) a) Show that the triangle with short sides 20 & 21 and long side 29 is a right-angled triangle.



b) Show that the triangle with short sides 9 & 40 and long side 41 is a right-angled triangle.

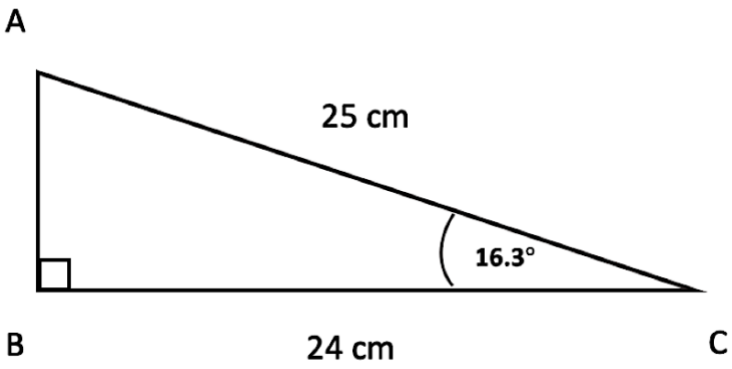


c) Is the following triangle right-angled?

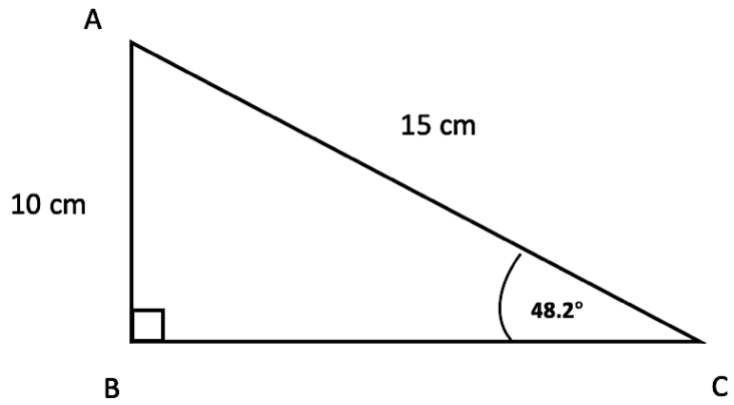


SohCahToa

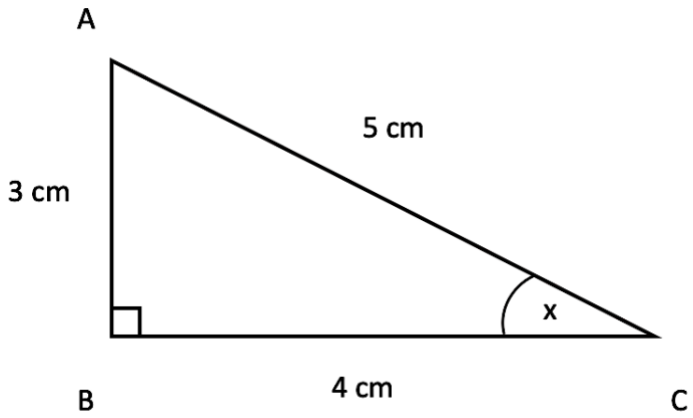
Q1) a) For the following triangle find the length of the missing side.



b) For the following triangle find the length of the missing side.



c) For the following triangle, find the size of the angle marked $x°$.



d) For the following triangle, find the size of the angle marked $x°$.