

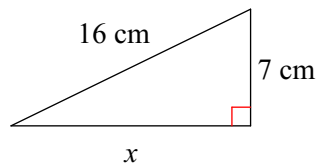
# Quiz 7.3

Name \_\_\_\_\_

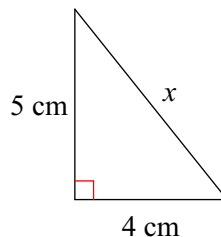
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**Find the missing side of each triangle. Leave your answers in simplest radical form.**

1)

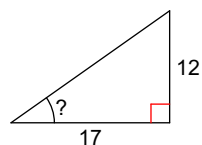


2)

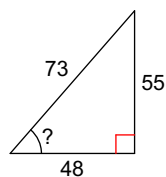


**Find the measure of the indicated angle to the nearest degree.**

3)

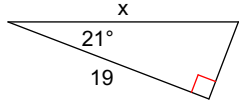


4)

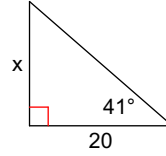


Find the missing side. Round to the nearest tenth.

5)



6)



7) Jimmy is standing 30ft away from a tree. He uses a clinometer to measure the angle of elevation to the top of the tree as  $40^\circ$ . His eyes are 6ft above the ground. Determine the height of the tree.