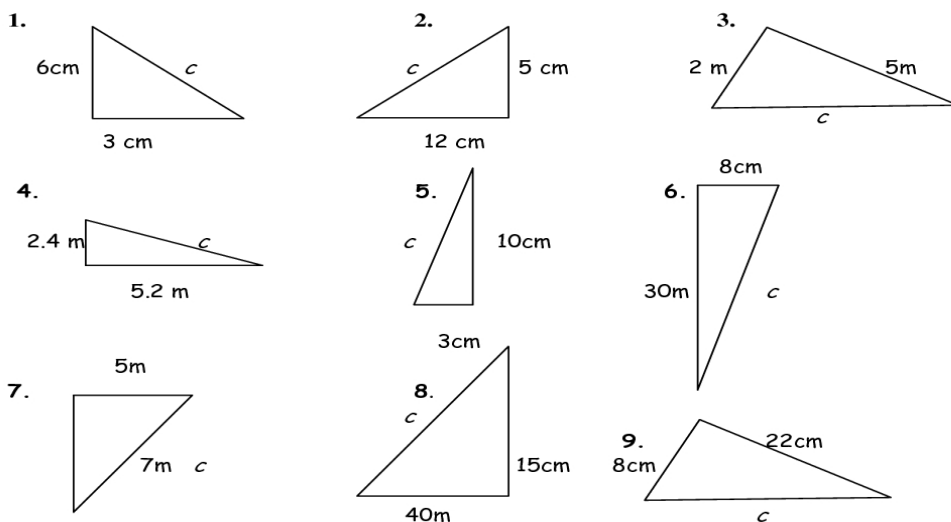


Name: _____

The Pythagorean Theorem

Directions: Find the length of the missing side in the following examples. Round answers to the nearest tenth, if necessary.



What is the length of the hypotenuse, c , of the following right angle triangles?

10. $a = 3$; $b = 4$; $c = ?$
11. $a = 6$; $b = 8$; $c = ?$

12. A ladder is leaning against the side of a 10m house. If the base of the ladder is 3m away from the house, how tall is the ladder?