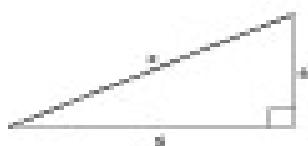


Tutor-USA.com Worksheet  
Geometry  
Pythagorean Theorem and 30-60-90

Name: \_\_\_\_\_  
Date: \_\_\_\_\_

Find the value of  $a$ . Leave answer in simplest radical form.

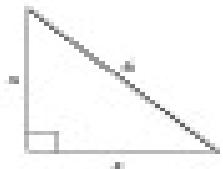
1)



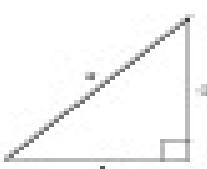
2)



3)



4)



The numbers represent the lengths of the sides of a triangle. Classify each triangle as acute, obtuse, or right.

5) 6, 8, 10

6) 12, 16, 20

7) 30, 34, 36

8) 2, 3, 4, 5

9)  $\sqrt{3}, \sqrt{2}, \sqrt{5}$

10)  $\sqrt{7}, \sqrt{11}, 4$