

## Geometry Worksheet

Name \_\_\_\_\_  
Hour \_\_\_\_\_

Given three numbers **4,5,3** answer the questions below.

1. The number \_\_\_\_\_ is the hypotenuse of the right triangle because ...  
(complete the sentence)
2. The number(s) \_\_\_\_\_ are the legs of the right triangle because ...  
(complete the sentence)
3. Verify that the three numbers actually can form a right triangle.
4. Give an example where three numbers cannot possibly form a right triangle and show why the numbers cannot form a right triangle.
5. Sketch a diagram of a right triangle found in this room. Explain why it is a right triangle.
6. Using the circle below, draw in a right triangle inside the circle.

