Pythagorean 1 - Radicals
Algebra I

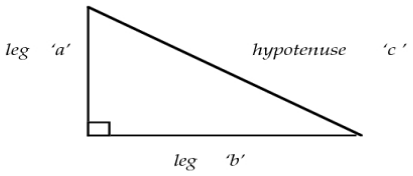
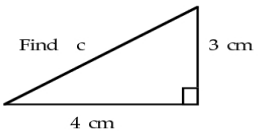
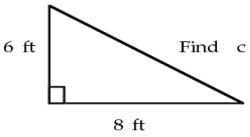
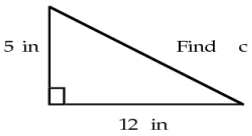
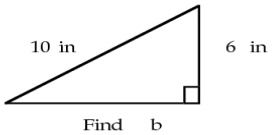
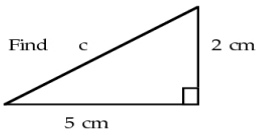
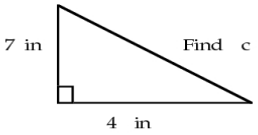
Name _____

Pythagorean Theorem Properties of right triangles

In any right triangle, the sum of the squares of the lengths of the legs
is equal to the square of the length of the hypotenuse
The hypotenuse is always the longest side of the right triangle.

$$a^2 + b^2 = c^2$$

$$c = \sqrt{b^2 + c^2}$$



Examples: