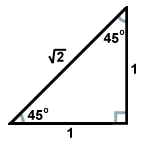
Geometry

7.4 Special Right Triangles

# 45°-45°-90°



1

1

\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_

similar

proportional

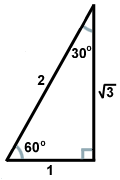
If you have another 45°-45°-90° triangle, then use the fact that they are \_\_\_\_\_\_\_\_\_\_\_\_ and use the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sides.

The leg of one 45°-45°-90° triangle is 10. Find the lengths of the other sides.

other leg is 10

hypotenuse is found by 🡪

# 30°-60°-90°



1

\_\_\_\_\_\_\_\_

2

\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_

The hypotenuse of a 30°-60°-90° is 4. Find the lengths of the other sides.

Short leg: 🡪

Long leg: 🡪

Assignment: 461 #2-20 even, 24, 28, 30, 36-38 all, 40, 42-44 all = 20

Extra Credit: 464 #2, 4 = +2