

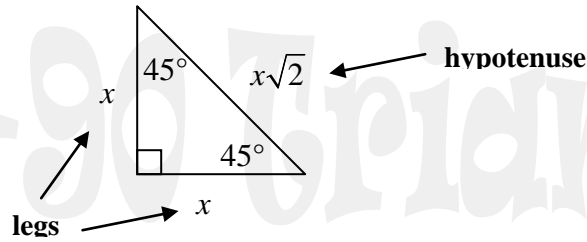
NAME \_\_\_\_\_

Date \_\_\_\_\_ Period \_\_\_\_\_

# STUDY GUIDE

## GEOMETRY

### How do I find Missing Sides of Special Right Triangles?!



I know one of the legs

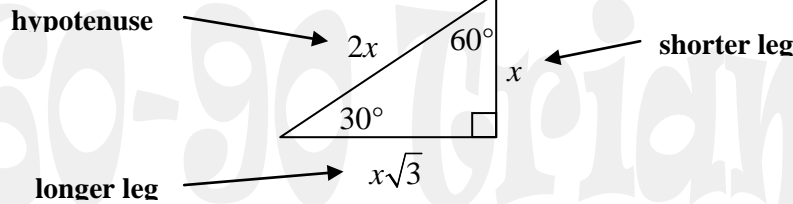
multiply by  $\sqrt{2}$

to find the hypotenuse.

I know the hypotenuse

divide by  $\sqrt{2}$

to find one of the legs.



I know the shorter leg

multiply by 2

to find the hypotenuse.

multiply by  $\sqrt{3}$

to find the longer leg.

I know the hypotenuse

divide by 2

to find the shorter leg.

I know the longer leg

divide by  $\sqrt{3}$

to find the shorter leg.

\*Once you know the shorter leg, use the diagram above to find the other piece