

## Advanced Geometry Warm Up

Name at least 4 Pythagorean Triple Families

No peeking at your index cards!!!

 Homework

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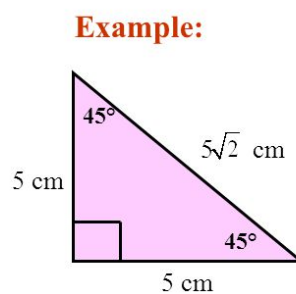
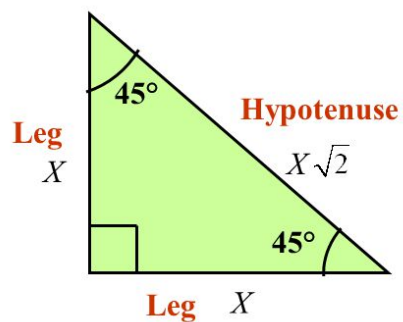
**Homework Quiz #2**

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Special Right Triangle Activity

## 45°-45°-90° Special Right Triangle

- In a triangle 45°-45°-90°, the hypotenuse is  $\sqrt{2}$  times as long as a leg.

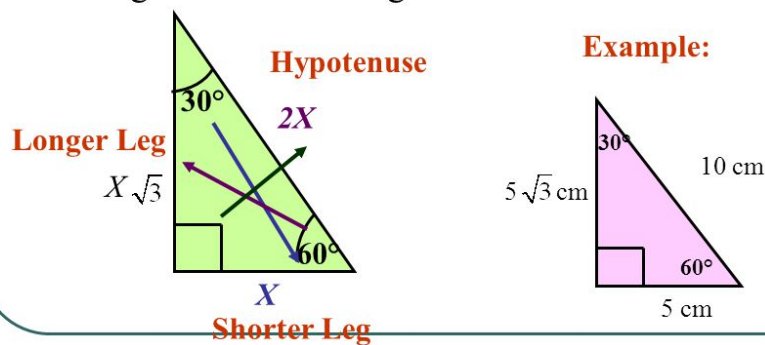


Special Right Triangles

2

## 30°-60°-90° Special Right Triangle

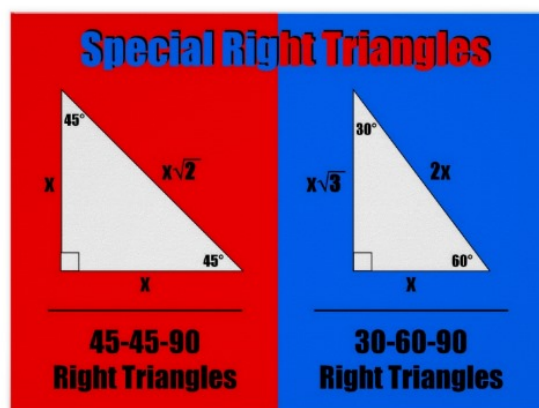
- In a triangle 30°-60°-90°, the hypotenuse is twice as long as the shorter leg, and the longer leg is  $\sqrt{3}$  times as long as the shorter leg.



Special Right Triangles

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## Examples and Practice worksheet



Homework: p. 408 #1 - 7, 9, 12, 13ab,  
15, 17, 18, 22

## Exit Slip

Find the missing sides.

