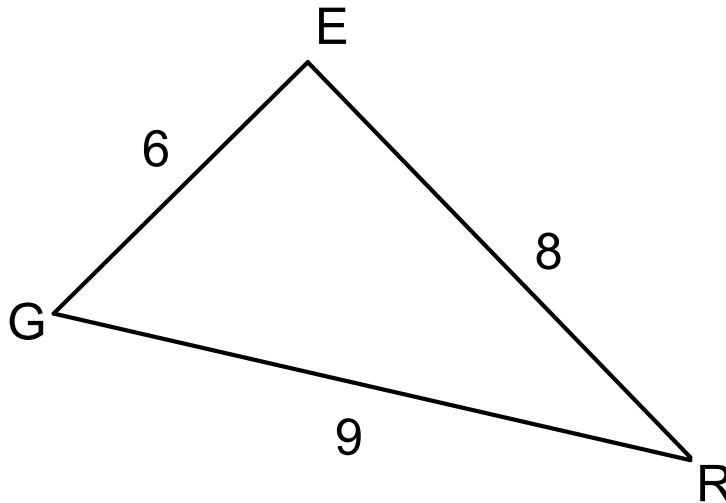


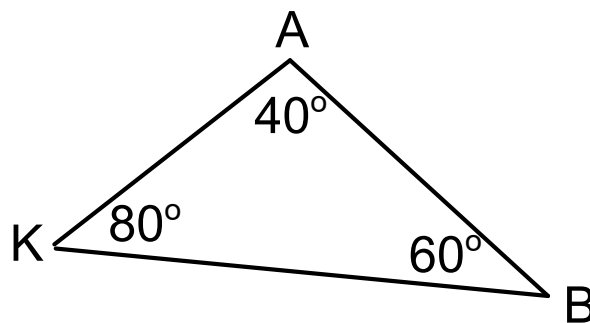
Review for Right Triangles Quiz

1. State the angles in order from largest to smallest.



Dec 18-10:01 AM

2. State the side lengths from largest to smallest.



Dec 18-10:01 AM

3. Do the lengths 7, 8, and 12 form a triangle? Why or why not?

Dec 18-10:03 AM

4. Give an acceptable range of lengths for the third side of this triangle.

12, 18, _____

Dec 18-8:05 AM

5. Simplifying square roots

a. $\sqrt{100}$

b. $\sqrt{320}$

c. $\sqrt{3} \cdot \sqrt{12}$

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6. What is meant by the term "perfect squares"? Perhaps give an example.

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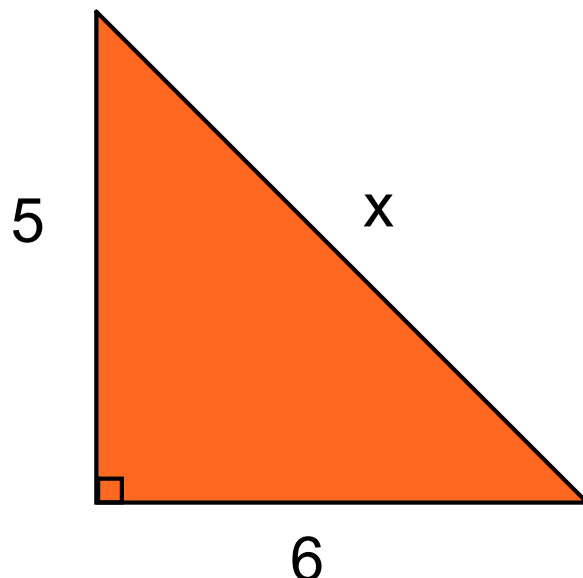
Pythagorean Theorem

7. a. When do we use it for?

b. In what type of triangle can you use it in?

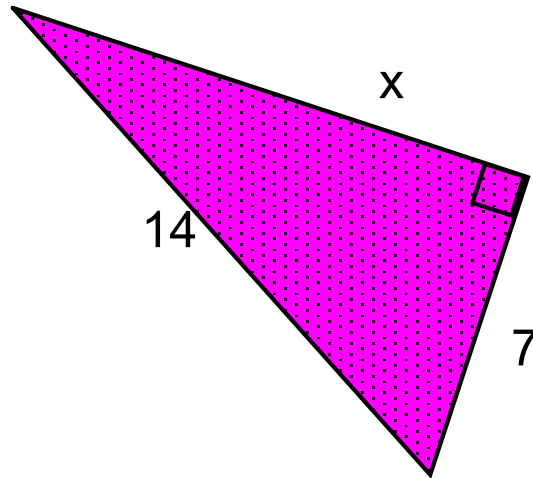
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8. Solve for the missing side length. Use Pythagorean Theorem. Simplify the radical. (NO DECIMALS)



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9. Solve for the missing side length.
Round to the nearest tenth.



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10. Classify the triangle with the given side lengths as acute, right or obtuse.

11 m., 12 m., 13 m.

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11. Classify the triangle with the given side lengths as acute, right or obtuse.

5 m., $\sqrt{72}$ m., 12 m.

Dec 18-8:54 AM

12. A 12" ladder is leaning against a wall. If the ladder is 5 feet away from the building, how far up the wall does the ladder reach? Draw a picture to help you out.

Dec 19-2:59 PM