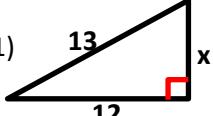
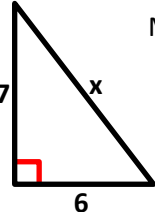


Pythagorean Theorem Practice Worksheet

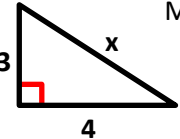
First, estimate what the length of the third side will be. Then use the Pythagorean Theorem to find the length of the missing side. Round your answers to the nearest tenth if necessary. Write your answers as " $x =$ _____" or " $x \approx$ _____".

1)  My Estimate: _____

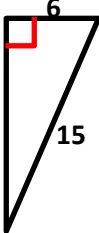
Answer: _____

2)  My Estimate: _____

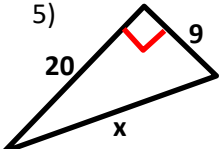
Answer: _____

3)  My Estimate: _____

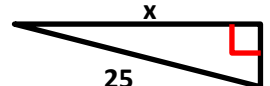
Answer: _____

4)  My Estimate: _____

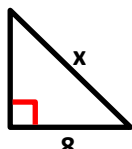
Answer: _____

5)  My Estimate: _____


Answer: _____

6)  My Estimate: _____

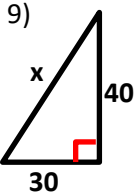
Answer: _____

7)  My Estimate: _____

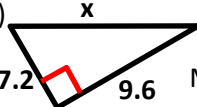
Answer: _____

8)  My Estimate: _____

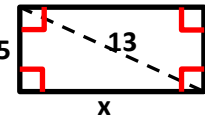
Answer: _____

9)  My Estimate: _____

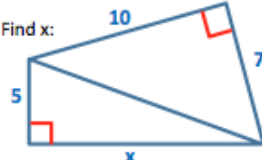
Answer: _____

10)  My Estimate: _____

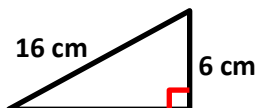
Answer: _____

11) Find the side length.  My Estimate: _____

Answer: _____

12)  Find x: _____

13) The area of a triangle is $A = \frac{b \cdot h}{2}$. Find the area of this right triangle.



14) A 20-foot ladder is leaning against a 24-foot tall building. How far away from the building must the ladder be so that it reaches a window that is 6 feet below the top of the building? Draw a picture to help.