

Triangles and Congruency

Name: _____

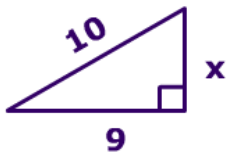
1. Use a protractor to draw an acute triangle that has two sides that are 2 inches long and one angle that is 40 degrees. (6 points)

How many degrees is each angle?
(write out all three)

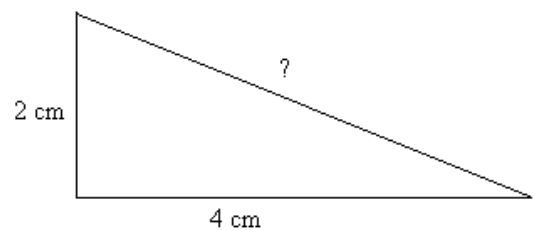
2. Draw a 60 degree angle and bisect it. The first angle is _____ degrees. the second angle is _____ degrees. (4 points)

For #3 + #4 it is okay to write your answer with the square root sign.

3. X is _____ long (4 points)
4. ? is _____ cm long (4 points)



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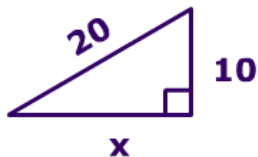
1. Use a protractor to draw an acute triangle that has two sides that are 2 inches long and one angle that is 30 degrees. (6 points)

How many degrees is each angle?
(write out all three)

2. Draw a 40 degree angle and bisect it. The first angle is _____ degrees. the second angle is _____ degrees. (4 points)

For #3 + #4 it is okay to write your answer with the square root sign.

3. X is _____ long (4 points)
4. ? is _____ cm long (4 points)



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