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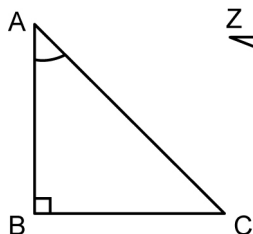
Date: _____

BLM 2.2.1

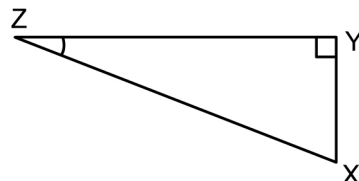
Practice: Explore Ratio and Proportion in Right Triangles

1. Label the hypotenuse, the opposite, and the adjacent sides relative to each marked angle.

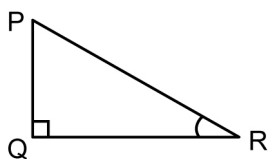
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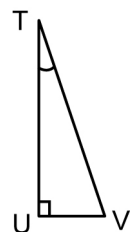
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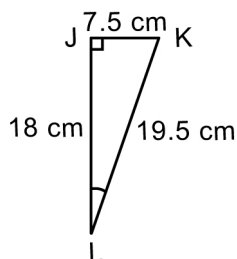
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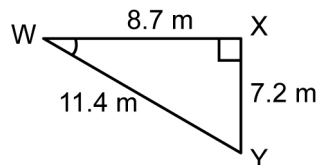
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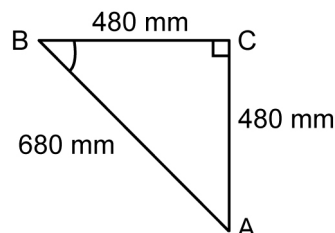
2. Write the ratio comparing the length of the side opposite the marked angle to the length of the hypotenuse. Write the ratio to two decimal places.



3. Write the ratio comparing the length of the side adjacent to the marked angle to the length of the hypotenuse. Write the ratio to two decimal places.



4. Write the ratio comparing the length of the side opposite the marked angle to the length of the adjacent side. Write the ratio to two decimal places.



5. Draw $\triangle MNO$ with $\angle M = 90^\circ$, $MN = 6$ cm, and $MO = 6$ cm.

- Measure the length of NO and mark it on your triangle.
- Write the ratio comparing the length of the side adjacent to $\angle O$ to the length of the hypotenuse. Write the ratio to one decimal place.