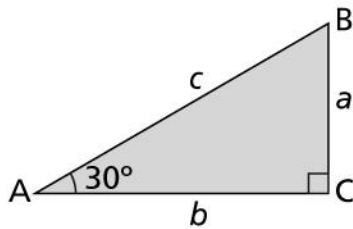# Try This 1 - 4

TT 1. Construct a right triangle that has one angle that measures 30˚. The size of the triangle does not matter but make b an easy length to work with. Label the right angle as angle C, the 30˚ angle as angle A, and the 60˚ angle as angle B. Label line segment AB as side c, segment AC as side b, and segment BC as side a. Your triangle might look like this: (draw your triangle on the right)

TT 2. Determine the lengths of the three sides of the triangle.

Side *a*: _____

Side *b*:_____

Side *c*:_____

TT 3. Determine the following ratios (round to four decimal places):

$\dfrac{a}{b} =$

$\dfrac{a}{c} =$

$\dfrac{b}{c} =$

TT 4. State in your own words what ratio is represented by

$\dfrac{a}{b}$

$\dfrac{a}{c}$

$\dfrac{b}{c}$