

Name _____

Date _____

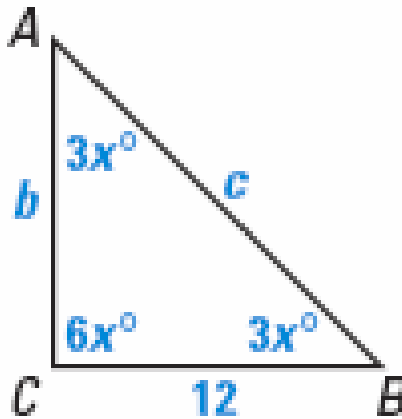
Open-ended Task: Geometry Chapter 10

Directions:

To receive full credit you must do the following:

1. Show OR describe each step of your work, even if you did it in your head (“mental math”) or used a calculator,
AND
2. Write an explanation stating the mathematical reason(s) why you chose each of your steps.

Question: Use the triangle shown below.



A. Find the value of x .

B. Find the $m\angle A$, $m\angle B$, and $m\angle C$

C. Find the values of b

D. Find the values of c