

1. Measure angle C with a protractor: $\underline{\hspace{2cm}}^\circ$

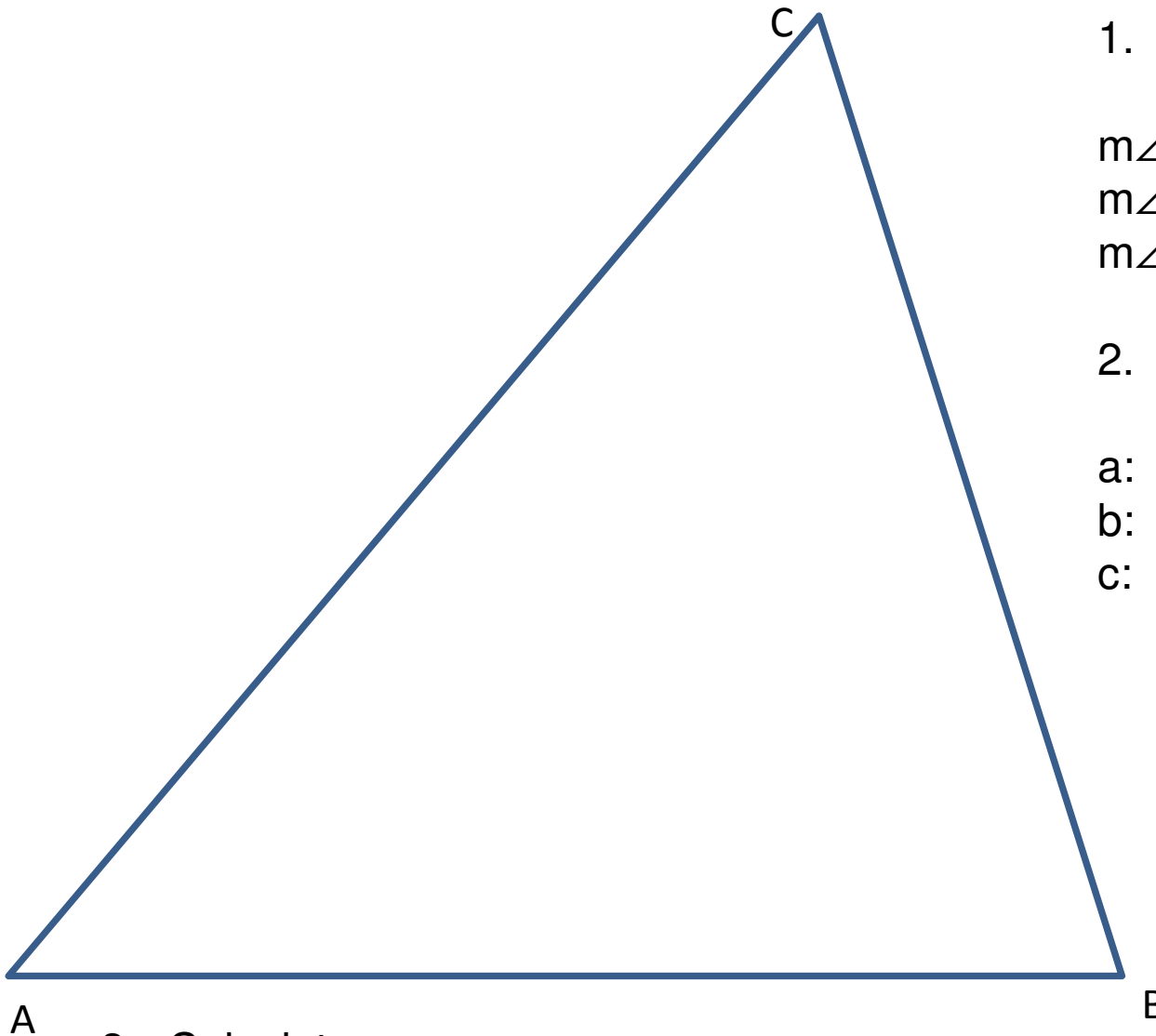
2. Measure lengths a and b and record them

$a = \underline{\hspace{2cm}} \text{ mm}$

3. Now your ruler broke, the dog ate it! What is the length of side c ???

4. To find side 'c' use the formula:
 $c^2 = a^2 + b^2 - 2*a*b*\cos(C)$

5. Now measure it and see



1. Measure Angles
A,B,C

$m\angle A$: _____

$m\angle B$: _____

$m\angle C$: _____

2. Measure length of
sides a, b, & c

a: _____

b: _____

c: _____

A

B

3. Calculate:

$a / \sin A$: _____

$b / \sin B$: _____

$c / \sin C$: _____