## MAP 4CI Trigonometry Practice Test

## Do NOT write on this copy

## Multiple Choice

1) Which could you use to determine the measure of an angle in a triangle if you only know all three sides?
a) Sine Law
b) Cosine Law
c) Tangent Ratio
d) Sine Ratio
2) If angle $A$ is obtuse, which is positive?
a) $\sin A$
b) $\cos A$
c) $\tan A$
d) none

## Long Answer


4) How do you decide when to use the sine Law or the Cosine Law to solve a triangle problem? Give examples to illustrate your explanation.

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Involves 3sides, langle
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5) A car windshield wiper is 22 inches long. Through which angle did the blade in this diagram rotate?

6) A sailboat leaves Port Hope and sails 23 km due east, then 34 km due south.

