

Name: _____

Law of Sine!

Sketch a triangle given the information. Then decide whether the given measurement can form exactly one triangle, two or no triangle.

1) $C = 65^\circ$, $c = 44$, $b = 32$

2) $A = 140^\circ$, $a = 5$, $c = 7$

3) $A = 18^\circ$, $a = 16$, $c = 10$

4) $A = 70^\circ$, $a = 155$, $c = 160$

5) $C = 160^\circ$, $c = 12$, $b = 15$

6) $B = 105^\circ$, $b = 11$, $a = 5$

7) $B = 56^\circ$, $b = 13$, $a = 14$

8) $C = 25^\circ$, $c = 6$, $b = 20$