Accel. PreCalculus Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Law of Sines Ambiguous Case 2 Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solve each triangle. Remember to check for the ambiguous case that could cause two possible triangles. If more than one triangle can be formed, solve both of them.

1. 2.

3. 4.

5. 6.

Answers:

1. B=48, C=24, c=3.9

2. Triangle 1: B=63, C=78, c=18.7 Triangle 2: B=117, C=24, c=7.8

3. No triangle can be formed with the given information.

4. B=18, C=135, c=27.8

5. Triangle 1: B=52, C=102, c=11.2 Triangle 2: B=128, C=26, c=5

6. Triangle 1: B=84, C=49, c=25.8 Triangle 2: B=96, C=37, c=20.6