

Name _____ SSA Triangle Problems 1-9-18

1. You know measure of angle $A = 23^\circ$ and the side $b = 36$ and the side $a=15$. Solve the triangle if possible, if not state why not. If there are two solutions then state them.

2. You know measure of angle $B = 48^\circ$ and the side $b = 23$ and the side $c=11$. Solve the triangle if possible, if not state why not. If there are two solutions then state them.

3. You know measure of angle $A = 50^\circ$ and the side $b = 20$ and the side $a=11$. Solve the triangle if possible, if not state why not. If there are two solutions then state them.

4. You know measure of angle $B = 110^\circ$ and the side $b = 12$ and the side $a=8$. Solve the triangle if possible, if not state why not. If there are two solutions then state them.