

Name _____

Solve the SSA triangle. Indicate whether the given measurements result in no triangle, one triangle, or two triangles. Solve the resulting triangle. Round the answer to the nearest tenth.

1) $B = 22^\circ$, $b = 16.8$, $a = 22.42$

Then find the area of the triangle.

2) $B = 96^\circ$, $b = 3$, $a = 24$

3) $a = 7$, $b = 9$, $B = 49^\circ$