

Warm-up:

1. Determine the values of side c that will produce the given number of triangles if $C=24^{\circ}15'$ and $b=20$. Answers should be written as inequalities.

a. no triangles b. one triangle c. two triangles

2. Solve the following triangle. $B = 42^{\circ}33', a = 15, b = 12$