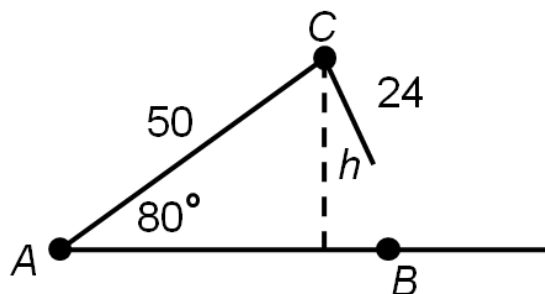**Answer on Question #53919-Math-Geometry**

State whether the given measurements determine zero, one, or two triangles.

A = 80°, a = 24, b = 50

Solution

Solve for h:

$$\sin 80° = \frac{h}{50}.$$

$$h = 50 \sin 80° \approx 49.2.$$

Because $a < h$, no triangle is formed.

Answer: zero.