

Name \_\_\_\_\_

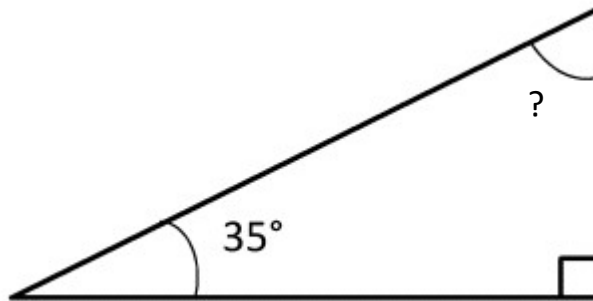
Mrs. Roubos

Date \_\_\_\_\_

Period \_\_\_\_\_

Directions: A student's work is written below. Do you think the student solved this question correctly? If so, explain why. If not, explain the mistake that they made and then solve it correctly.

1) Solve for the missing angle in the triangle below.



$$\begin{array}{r} 35 + x = 180 \\ -35 \quad -35 \\ \hline x = 145 \end{array}$$

The measure of the missing angle is  $145^\circ$