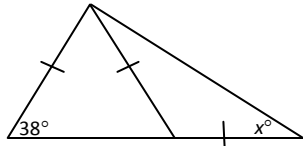


- Describe the transformation that is described by the notation below:
 $(x, y) \rightarrow (x - 3, y + 4)$

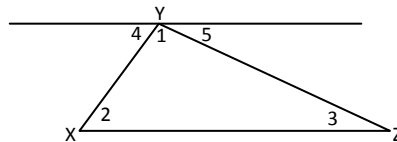
- Is the transformation in problem # 1 an isometry? (explain your answer)

- Find the value of x .



- In words, explain the step by step procedure that you did to determine the value of x .

- Given: $\triangle XYZ$
 Prove: $m\angle 1 + m\angle 2 + m\angle 3 = 180^\circ$



Statements	Reasons

- Given: $\overline{EV} \cong \overline{BL}$; $\overline{AE} \cong \overline{DC}$
 Prove: $\triangle ABC$ is isosceles

Write your proof as a flow chart proof.

