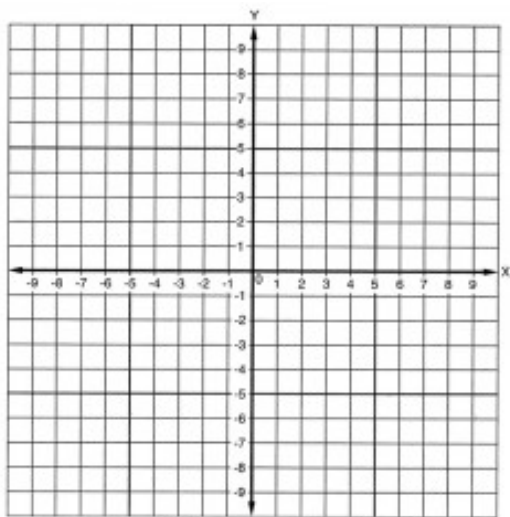- **4-20.** Write an equation for the following situation. You do not need to solve it. Homework Help ✎

  Laura takes very good care of her vehicles. She owns a blue van and a red truck. Although she bought them both new, she has owned the truck for 17 years longer than she has owned the van. The sum of the ages of the vehicles is 41 years.

- **4-21.** Plot $\triangle ABC$ on graph paper with points $A(2, 2)$, $B(-2, -2)$, and $C(8, -2)$. 4-21 HW eTool (Desmos) Desmos Accessibility Homework Help ✎.

  a. Use the function $(x, y) \rightarrow (-1x, -1y)$ to transform $\triangle ABC$. Graph and connect the new points then label this triangle $\triangle A'B'C'$. Describe how $\triangle ABC$ has been transformed. What, if anything, about the original triangle has been preserved in its image?

- **4-22.** Rewrite each of the following products as a sum by using the Distributive Property. Homework Help ✎

  a. $5x(x - 6)$

  b. $-9y(6 - 3y)$

Integrated Math 1A Homework Due Friday