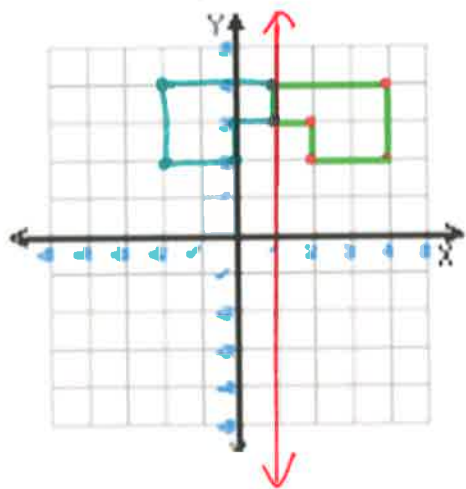


## Reflections Notes Part 2

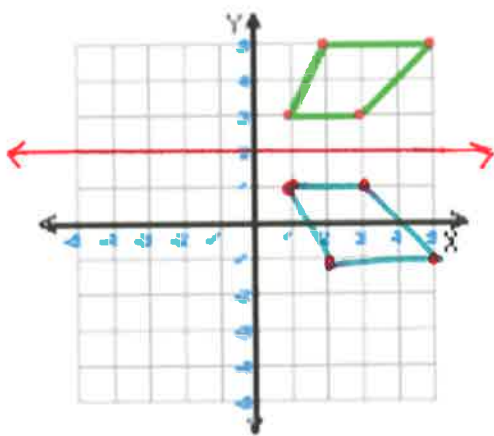
Reflection across a specific line:

**Reflection: Across the line  $x = 1$**



$$\begin{aligned}(1,3) &\rightarrow (1,3) \\ (1,4) &\rightarrow (1,4) \\ (2,2) &\rightarrow (0,2) \\ (2,3) &\rightarrow (0,3) \\ (4,2) &\rightarrow (-2,2) \\ (4,4) &\rightarrow (-2,4)\end{aligned}$$

**Reflection: Across the line  $y = 2$**



$$\begin{aligned}(1,3) &\rightarrow (1,1) \\ (3,3) &\rightarrow (3,1) \\ (2,5) &\rightarrow (2,-1) \\ (5,5) &\rightarrow (5,-1)\end{aligned}$$

Determine how many lines of symmetry each figure has. Then determine whether the figure has point symmetry.

