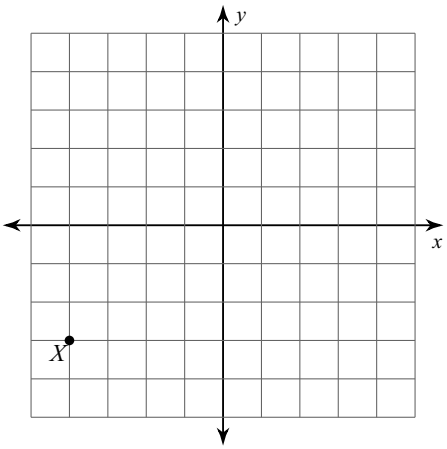
ACC Geometry Name_____ ID: 1

Translations HW

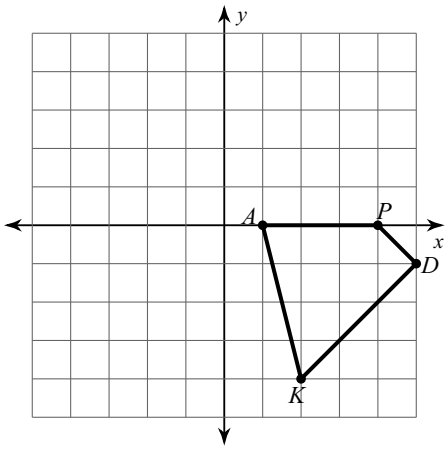
Date_____ Hour____

Graph the image of the figure using the transformation given. Write the Rule in Vector Notation.

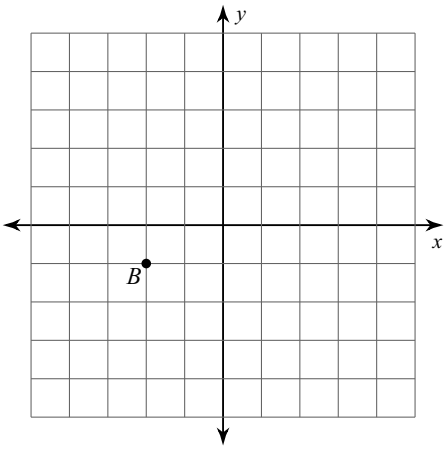
1) translation: $(x, y) \rightarrow (x + 9, y + 6)$



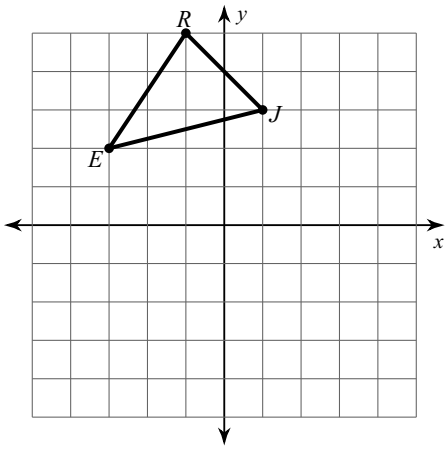
2) translation: $(x, y) \rightarrow (x - 5, y - 1)$



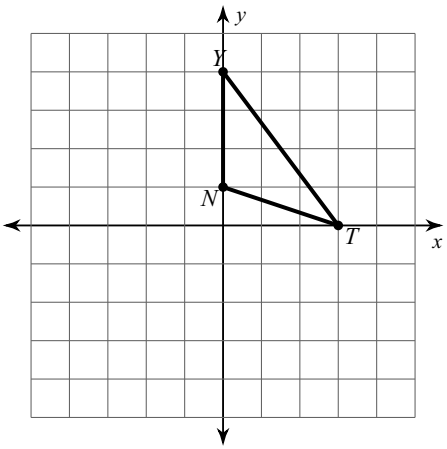
3) translation: $(x, y) \rightarrow (x + 4, y + 4)$



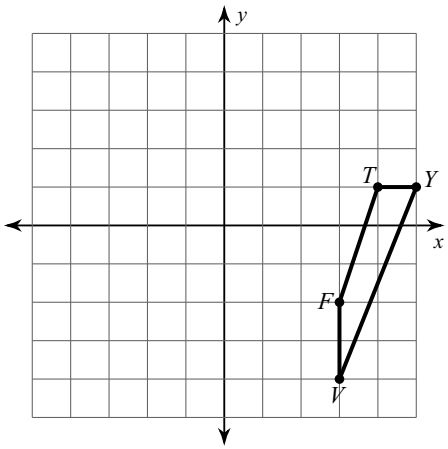
4) translation: $(x, y) \rightarrow (x + 2, y)$



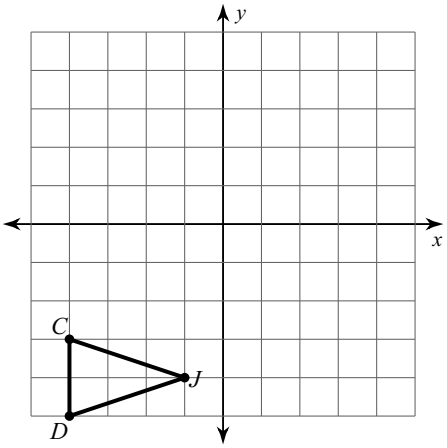
5) translation: $(x, y) \rightarrow (x - 3, y - 1)$



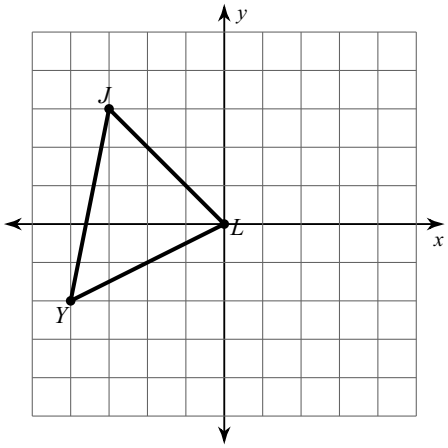
6) translation: $(x, y) \rightarrow (x - 1, y + 1)$



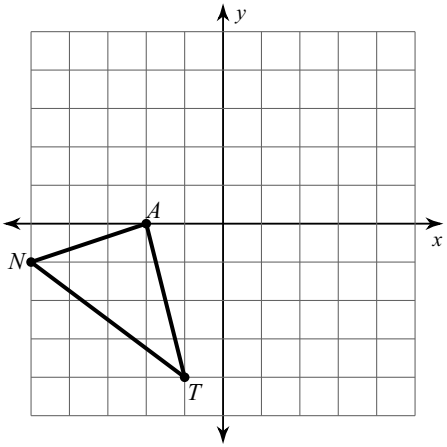
7) translation: $(x, y) \rightarrow (x + 4, y)$



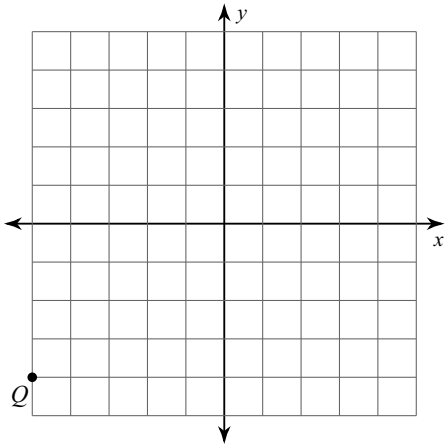
8) translation: $(x, y) \rightarrow (x, y + 2)$



9) translation: $(x, y) \rightarrow (x + 1, y + 5)$



10) translation: $(x, y) \rightarrow (x + 1, y + 2)$



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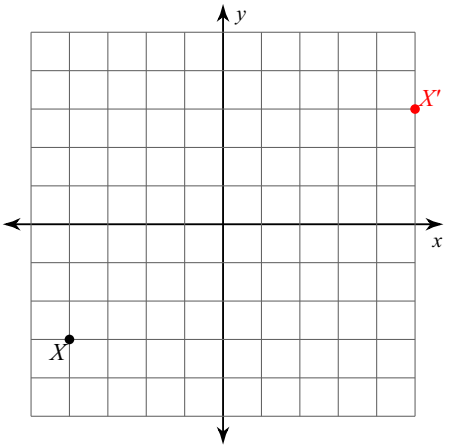
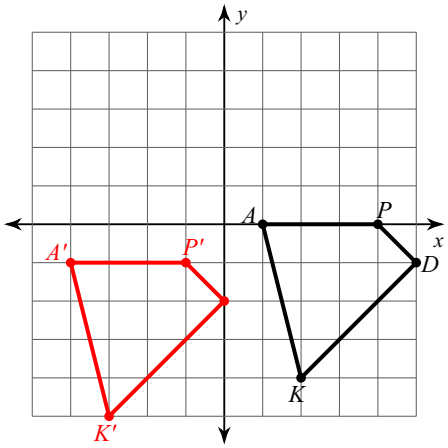
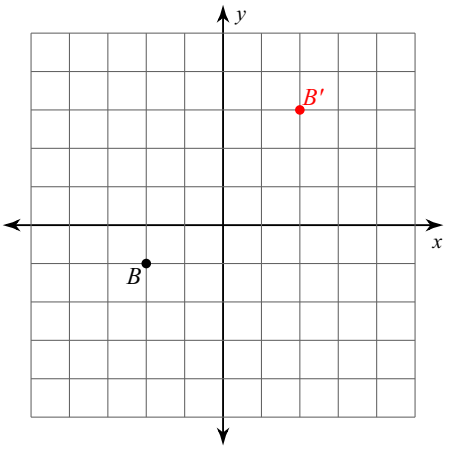


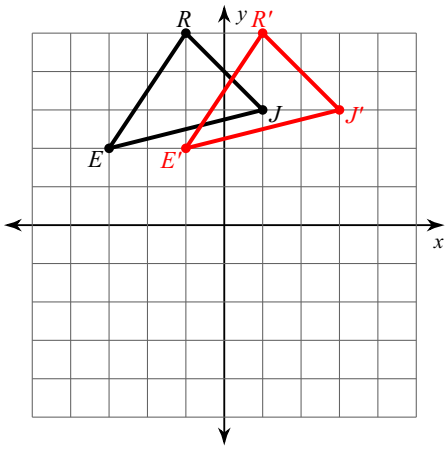
2) translation: $(x, y) \rightarrow (x - 5, y - 1)$



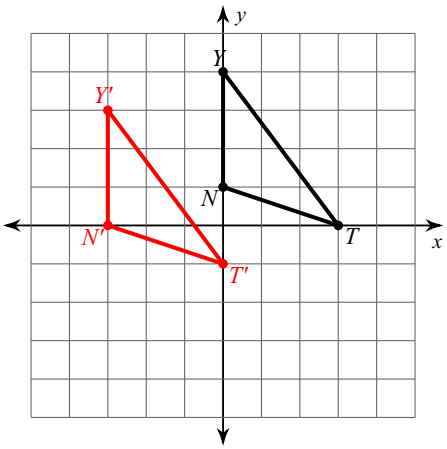
3) translation: $(x, y) \rightarrow (x + 4, y + 4)$



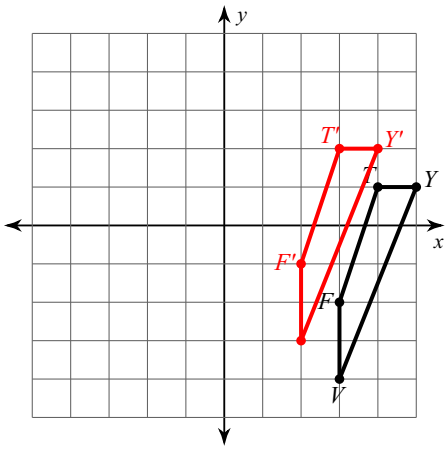
4) translation: $(x, y) \rightarrow (x + 2, y)$



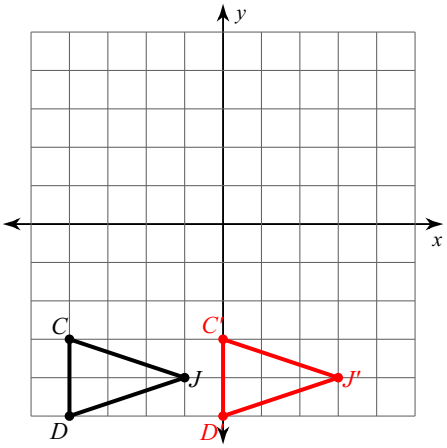
5) translation: $(x, y) \rightarrow (x - 3, y - 1)$



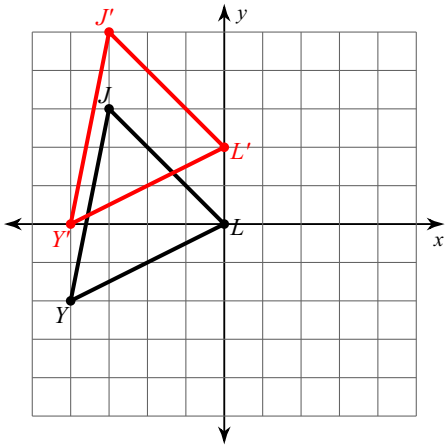
6) translation: $(x, y) \rightarrow (x - 1, y + 1)$



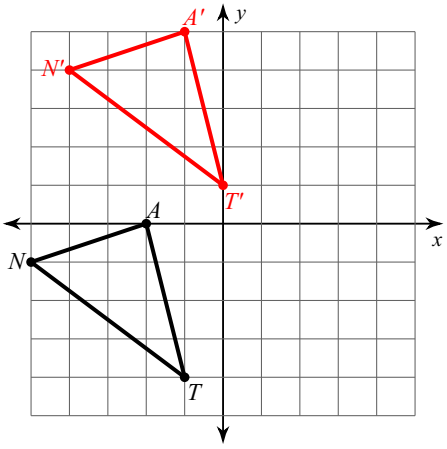
7) translation: $(x, y) \rightarrow (x + 4, y)$



8) translation: $(x, y) \rightarrow (x, y + 2)$



9) translation: $(x, y) \rightarrow (x + 1, y + 5)$



10) translation: $(x, y) \rightarrow (x + 1, y + 2)$