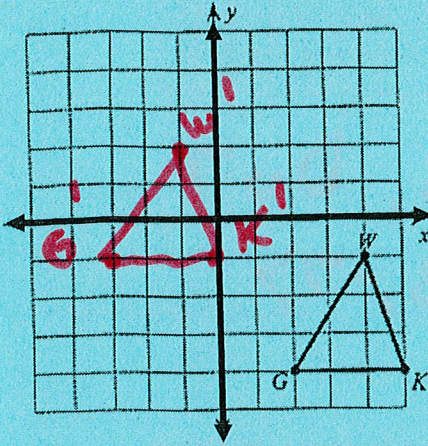


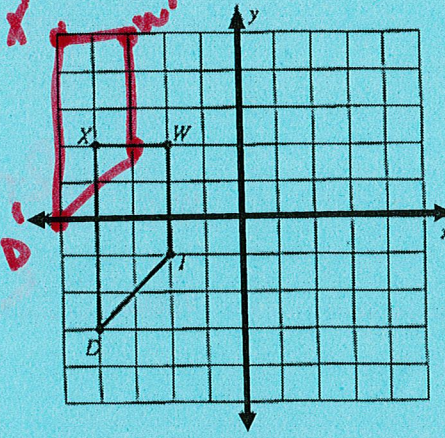
QUIZ Review- TRANSLATIONS/ REFLECTIONS

Graph the image after the given translation. Label each of the image points.

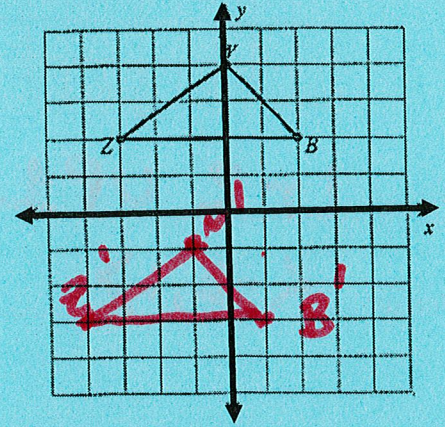
1) 5 units left and 3 unit up



2) $(x, y) \rightarrow (x - 1, y + 3)$

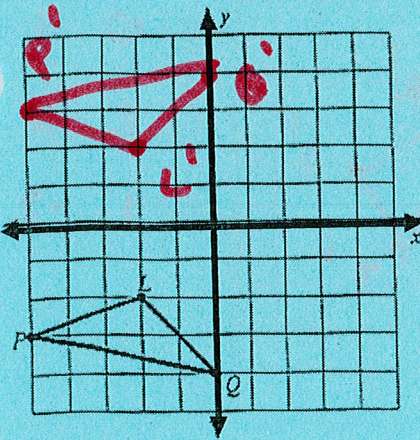


3) $\langle -1, -5 \rangle$

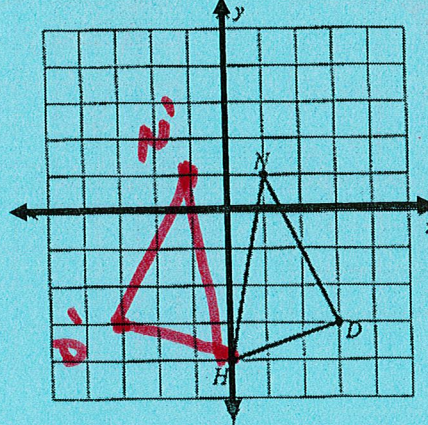


Graph the image after the given reflection. Label each of the image points.

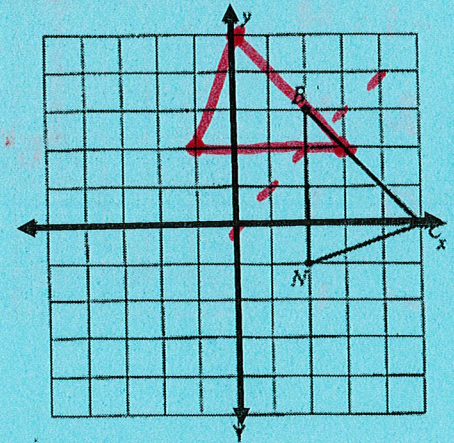
4) reflection across the x-axis



5) reflection across the y-axis

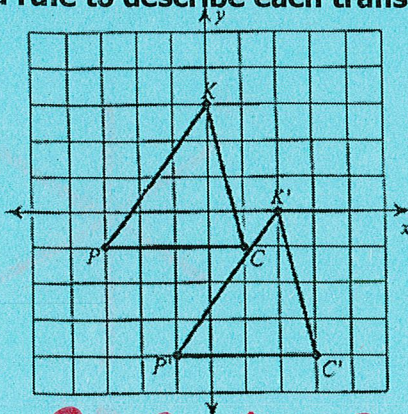


6) reflection across the line y=x

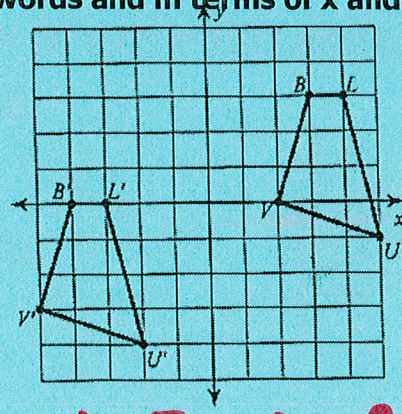


Write a rule to describe each transformation. Write it in words and in terms of x and y.

7)



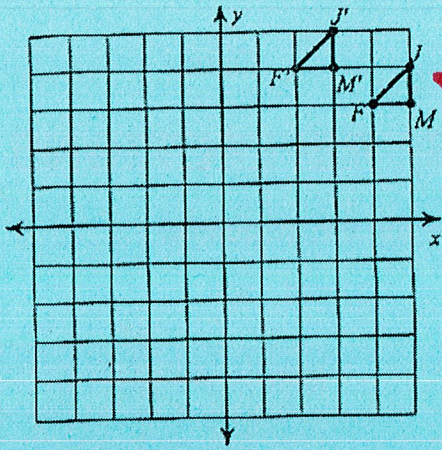
8)



Words: RT 2, DN 3
 Rule: $(x, y) \rightarrow (x+2, y-3)$

Words: LT 7, DN 3
 Rule: $(x, y) \rightarrow (x-7, y-3)$

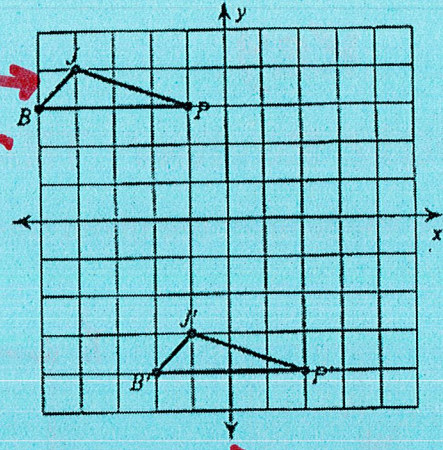
9)



Words: LT 2 UP 1

Vector: $\langle -2, 1 \rangle$

10)



Words: RT 3, DN 7

Vector: $\langle 3, -7 \rangle$

START HERE
"NO PRIMES"

Find the coordinates of the vertices of each figure after the given transformation.

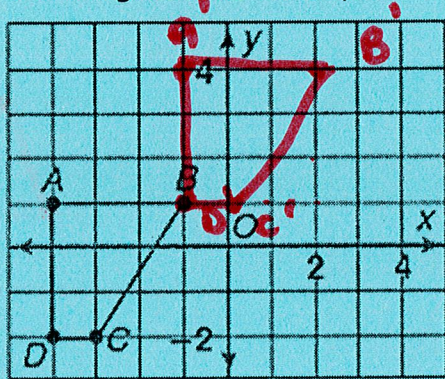
11) translation: 3 unit right and 3 unit up

$A'(-1, 4)$

$B'(2, 4)$

$C'(0, 1)$

$D'(-1, 1)$

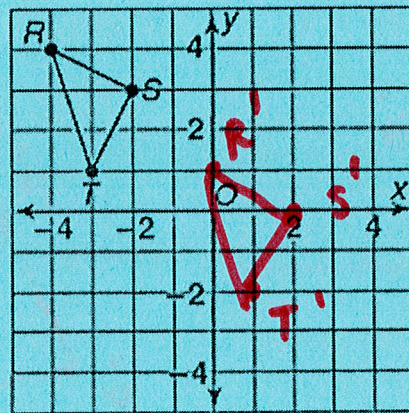


12) translation: 4 units right and 3 unit down

$R'(0, 1)$

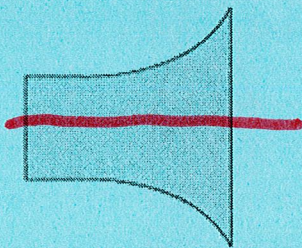
$S'(2, 0)$

$T'(1, -2)$



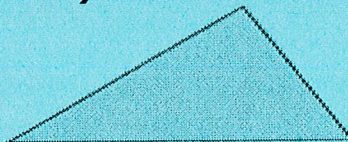
Draw ALL the lines of symmetry for each figure.

13)



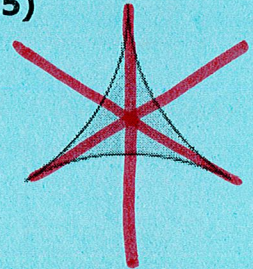
1

14)



NONE

15)



3