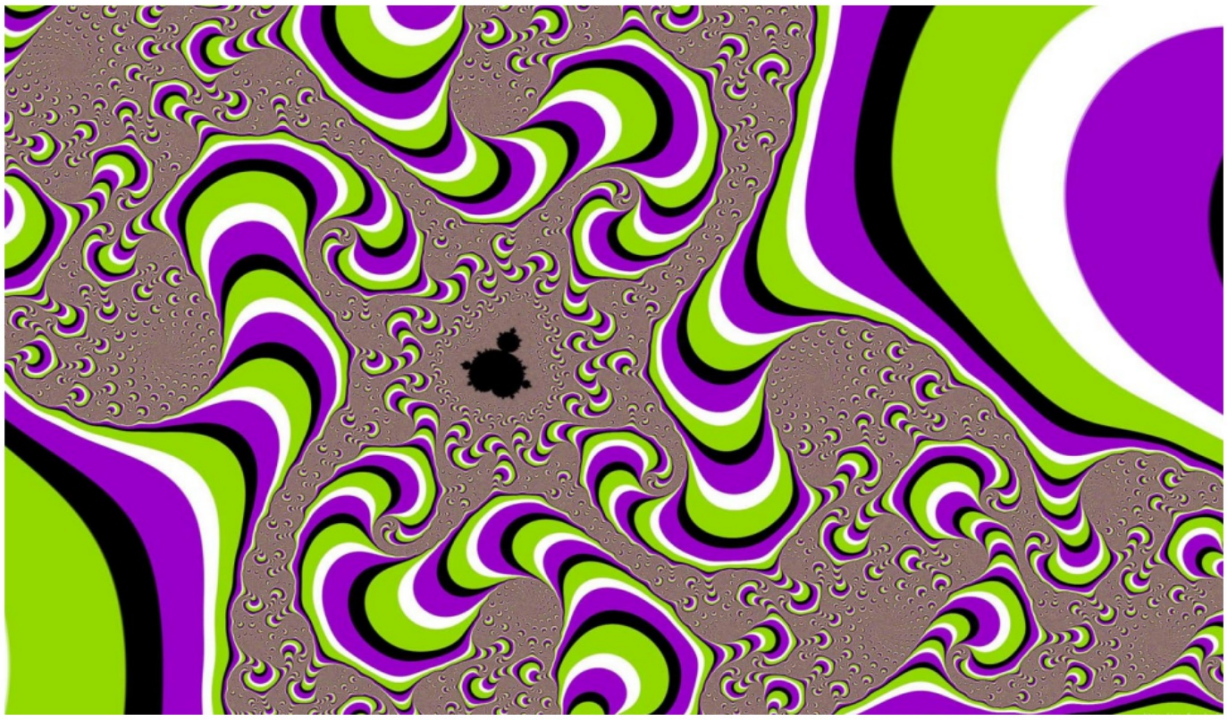
M7H

March 8, 2012

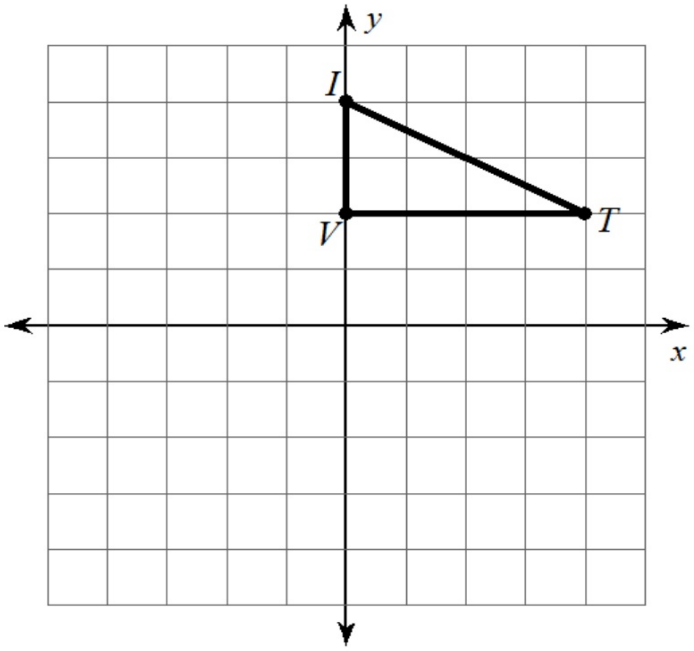
Get out notes from yesterday



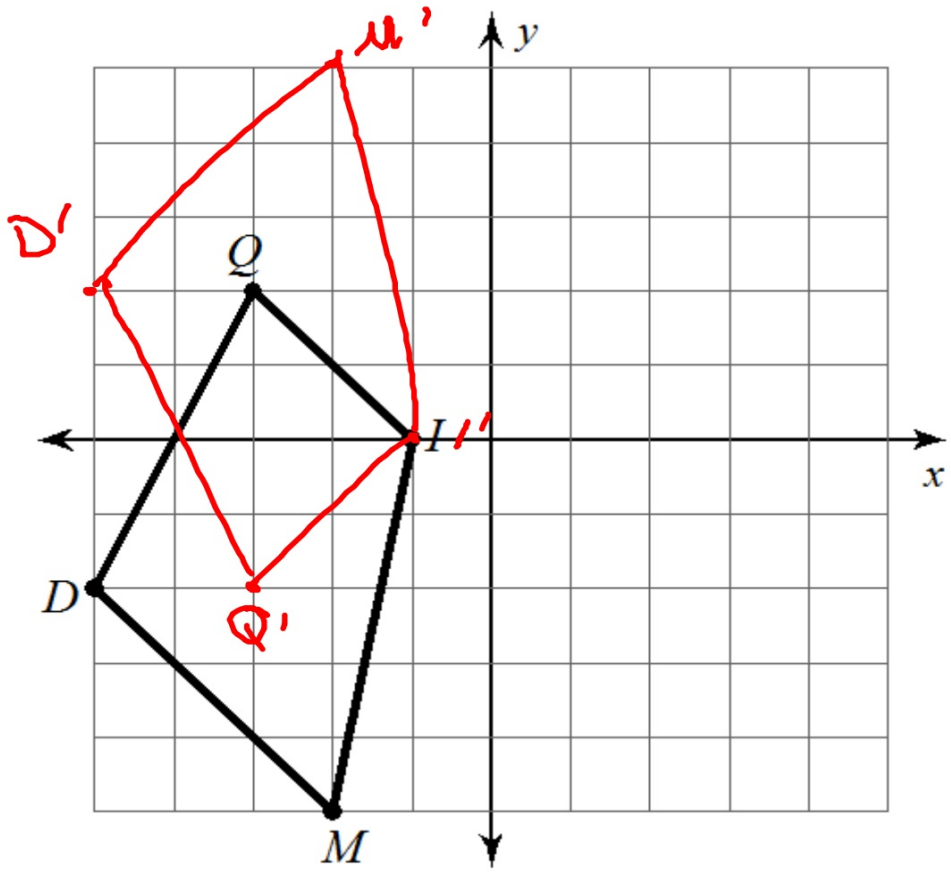
3/8 - Reflections using Coordinates - day 2

Graph the image, on the mini-whiteboards, of the figure using the transformation given.

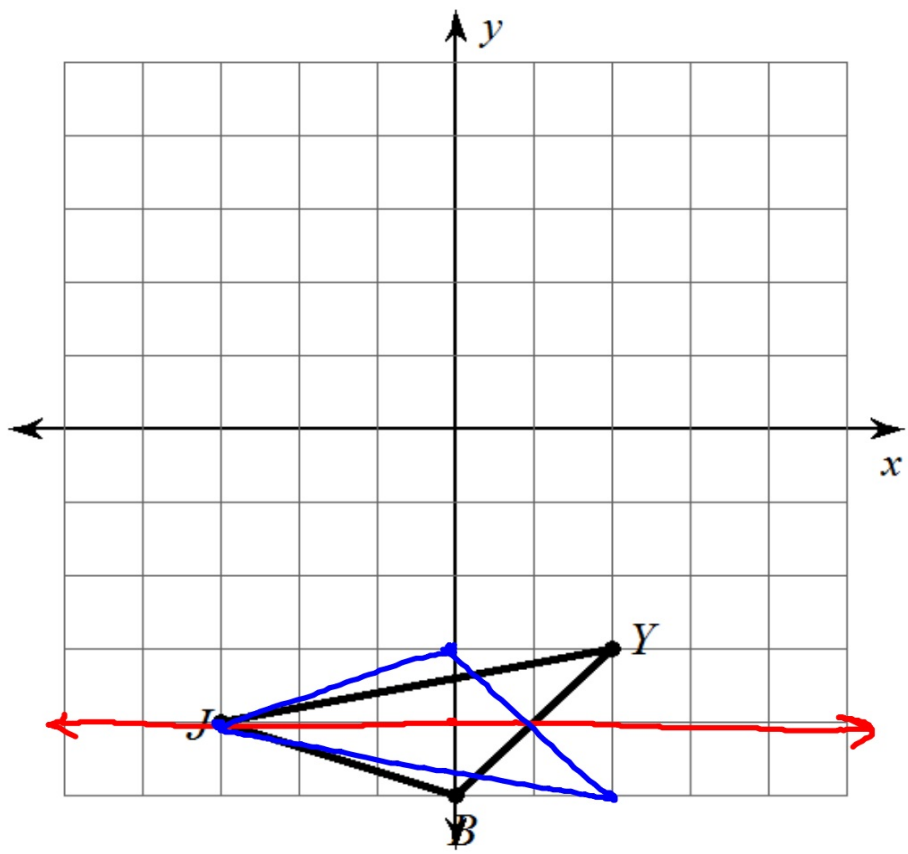
reflection across the y-axis



reflection across the x-axis

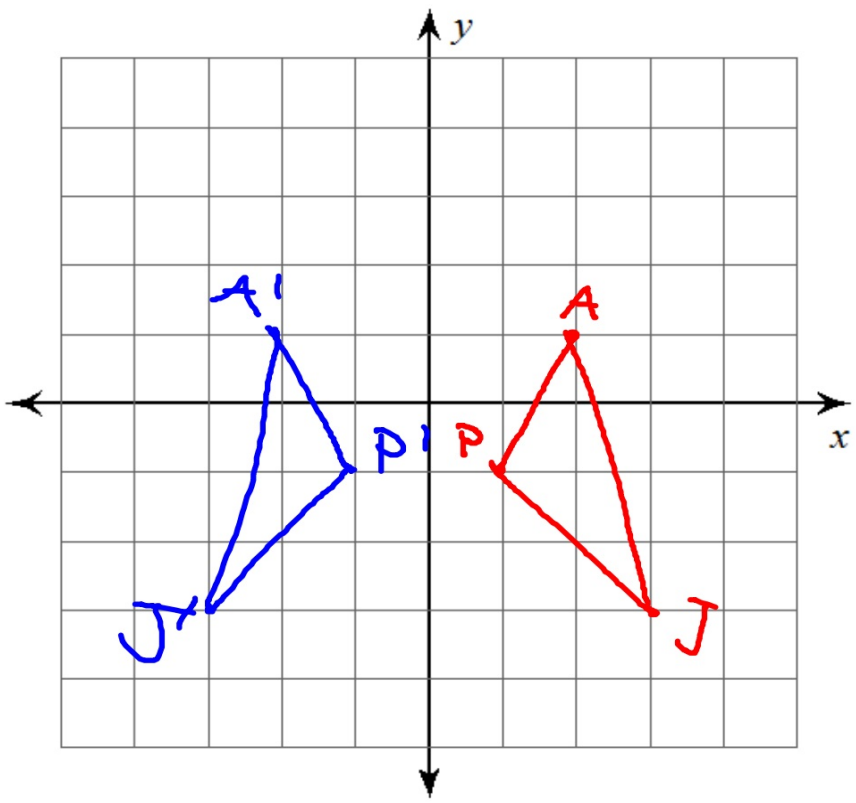


reflection across $y = -4$



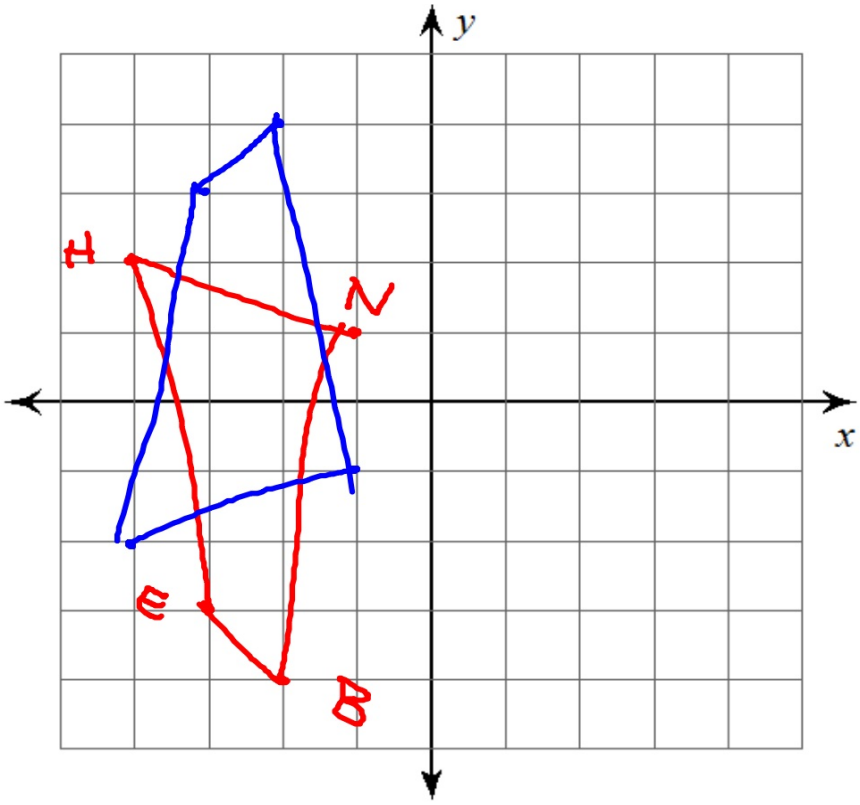
reflection across the y-axis

$P(1, -1), A(2, 1), J(3, -3)$



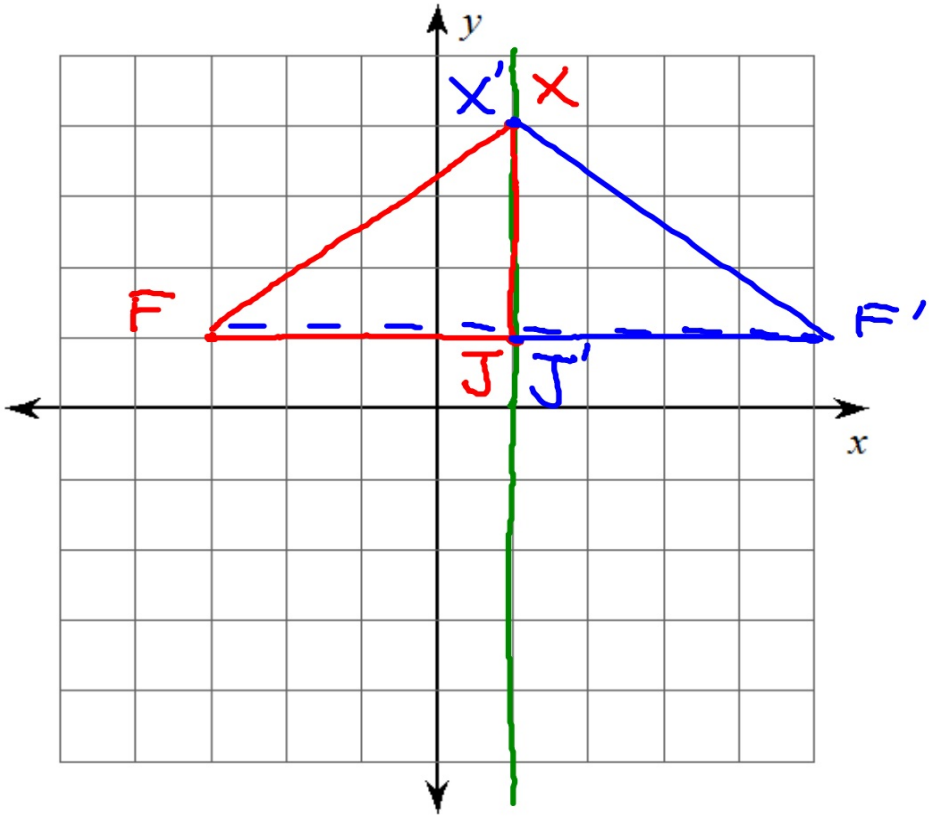
reflection across the x-axis

$E(-3, -3)$, $H(-4, 2)$, $N(-1, 1)$, $B(-2, -4)$



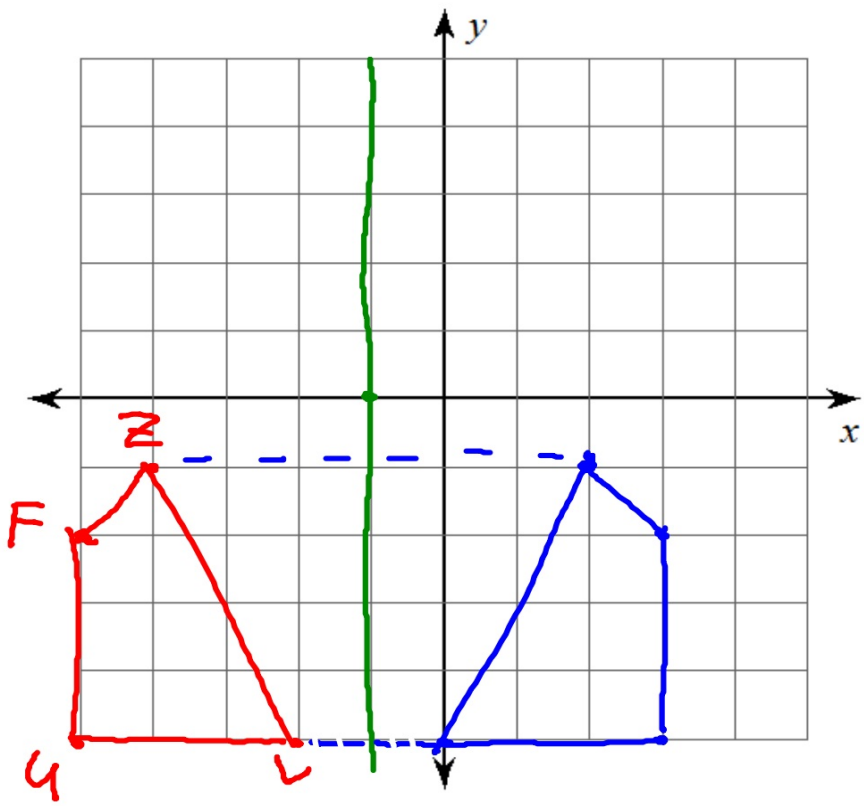
reflection across $x = 1$

$F(-3, 1), X(1, 4), J(1, 1)$



reflection across $x = -1$

$F(-5, -2)$, $Z(-4, -1)$, $V(-2, -5)$, $U(-5, -5)$



Write a rule to describe each transformation.

$M(-3, -1)$, $C(-2, 2)$, $I(0, 0)$, $Q(-2, -3)$

to

$C'(-2, -2)$, $I'(0, 0)$, $Q'(-2, 3)$, $M'(-3, 1)$

Flip over the x-axis

$W(-2, 0)$, $M(-3, 2)$, $X(0, 5)$, $I(2, 3)$

to

$M'(3, 2)$, $X'(0, 5)$, $I'(-2, 3)$, $W'(2, 0)$

Flip over the y-axis

$S(3, 3)$, $I(3, 5)$, $G(4, 3)$

to

$I'(-3, 5)$, $G'(-4, 3)$, $S'(-3, 3)$

Flip over the y-axis

$K(1, -4)$, $T(0, 0)$, $I(3, 0)$

to

$T'(0, 0)$, $I'(3, 0)$, $K'(1, 4)$

Flip over the x-axis

Homework

Yellow Similarity WS4

Due Monday