

Use the coordinates in the x/y-chart below to fill in the x/y-charts for each reflection.

$f(x) =$	x	y
	-5	-5
	-2	0
	2	1
	6	-8

1) $-f(x)$

x	y

2) $f(-x)$

x	y

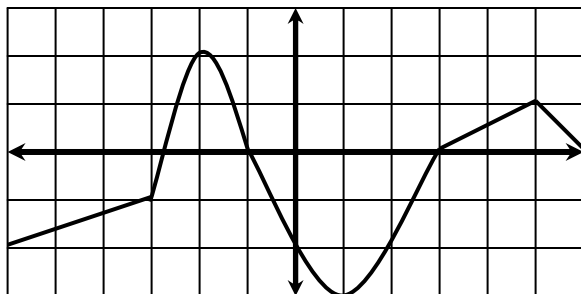
3) $|f(x)|$

x	y

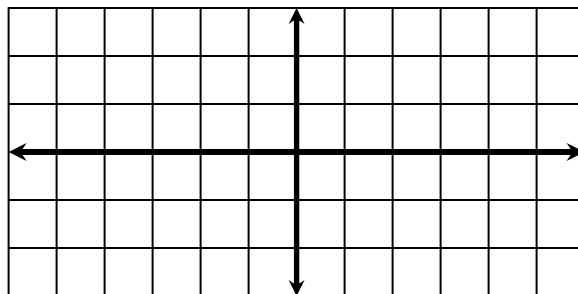
4) $y = x$

x	y

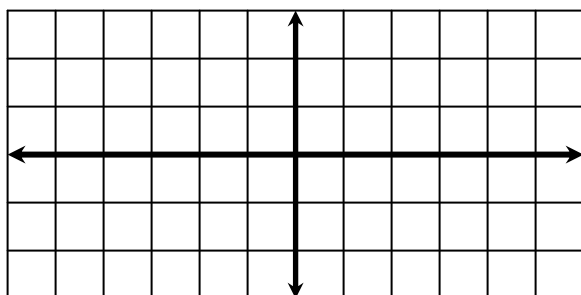
The graph of $f(x)$ is shown below. Use the coordinate grids to graph $-f(x)$, $f(-x)$ and $|f(x)|$



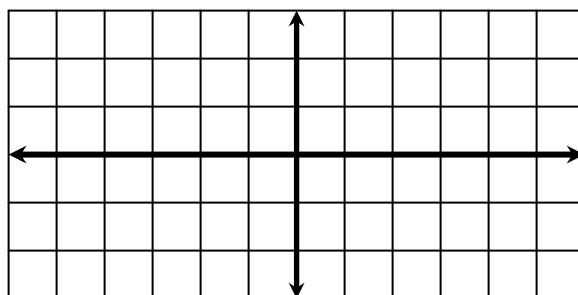
5) $-f(x)$



6) $f(-x)$

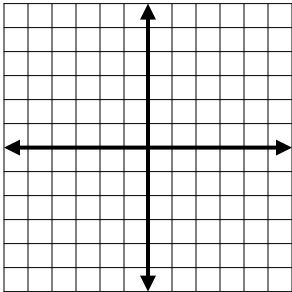


7) $|f(x)|$

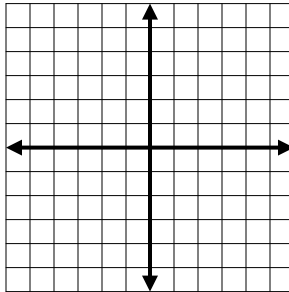


Sketch the graph of each equation, **AND** the reflection of the graph in the line $y = x$ (inverse) on each grid provided, then give an equation of the reflected graph.

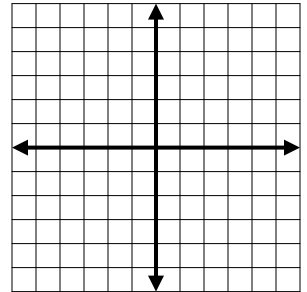
8) $y = -3x + 5$



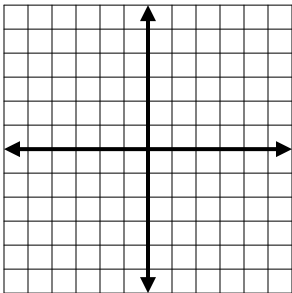
9) $y = 2x^2 - 6$



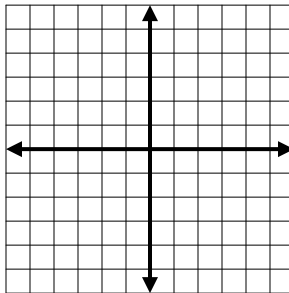
10) $y = |x + 3| + 1$



11) $y = \sqrt{x+1}$



12) $y = \frac{1}{4}x - 3$



13) $y = -2|x| + 4$

