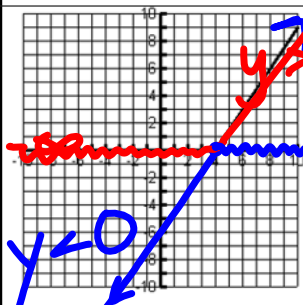
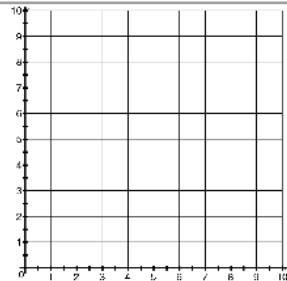
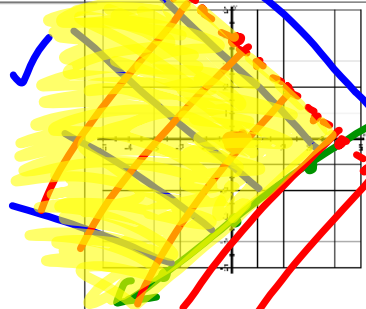


Name:

Block:

Algebra Daily 5 Week 8

Monday		Tuesday	
<p>What algebraic property is being used to get from step 1 to step 2 below?</p> <p>Step 1: $x + 8 = 2x - 16$ Step 2: $-x \quad -x$</p>	<p>Subtraction Property of Equality</p>	<p>Factor the expression.</p> $4x^3 + 12x^2 + 16x + 48$	
	<p>D: $-\infty < x < \infty$ R: $-\infty < y < \infty$ Max: none Min: none X-Int: (4, 0) Y-Int: (0, -6) y > 0: $4 < x < \infty$ 0: $-\infty < x < 4$ Int of Inc: $-\infty < x < \infty$ Int of Dec: none Constant Int: none End: Behavior $-\infty$ As $x \rightarrow -\infty, f(x) \rightarrow -\infty$ As $x \rightarrow \infty, f(x) \rightarrow +\infty$</p>	<p>Solve for x.</p> $3(x - 2) + 4x = 2x$	
<p>Factor the expression.</p> $12x^3 + 8x^2 + 4x$ $4x(3x^2 + 2x + 1)$		<p>A group of 4 friends went to the Wheeler football game with \$50. Tickets cost \$5 each, hotdogs cost \$4, and drinks cost \$3.</p> <p>Write an inequality to represent how many hotdogs and drinks the group could buy. If they bought 4 hot dogs, could everyone have a drink?</p>	
<p>Simplify the expression.</p> $3\sqrt{5x^3y} \cdot -4\sqrt{15xy^4} - 2\sqrt{3y}$ $-60x^2y^2\sqrt{3y} + 2\sqrt{3y}$ <p>$-12 \sqrt{75} x^2 y^2 \sqrt{3y} + 2\sqrt{3y}$</p> <p>$.5 \cdot 2 \cdot 3 \cdot 5 \cdot x^2 y^2 \sqrt{3y} + 2\sqrt{3y}$</p>		<p>Graph the inequality above.</p> <p>Give 1 possibility that spends all their money.</p>	
<p>Graph the system of inequalities below.</p> $y \geq \frac{2}{3}x - 3$ $y < -x + 4$ <p>$0 < 4$</p>		<p>Write the explicit/closed rule for the sequence.</p> <p>-3, 9, ...</p> <p>Find the domain, range, and a_{120}.</p>	