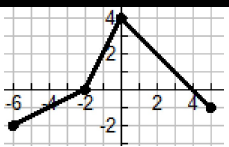
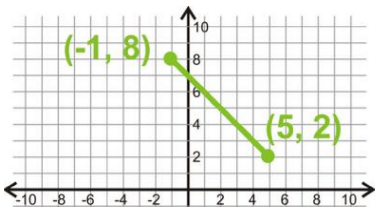
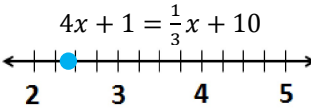
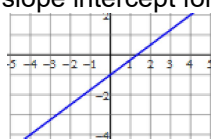


Monday	Tuesday	Wednesday	Thursday												
 <p>Name the interval with the greatest average rate of change. $[-2, 0]$</p>	<p>In the graph to the left, When $x = 0$, $y = 4$</p> <p>When $y = -2$, $x = -6$</p> <p>When $x = 2$, $y = 2$</p>	<p>Using the function below: $\{(-5, 2), (1, 1), (5, 1), (2, 6)\}$</p> <p>$f(5) = 1$</p> <p>$f(2) = 6$</p>	<p>Find the slope of the line for the table.</p> <table border="1" data-bbox="1200 218 1524 300"><tr><td>x</td><td>-4</td><td>-2</td><td>0</td><td>2</td><td>4</td></tr><tr><td>y</td><td>-2</td><td>0</td><td>2</td><td>4</td><td>6</td></tr></table> <p>$m = 1$</p>	x	-4	-2	0	2	4	y	-2	0	2	4	6
x	-4	-2	0	2	4										
y	-2	0	2	4	6										
<p>Factor Completely:</p> <p>$r^2 + 15r + 50 = (r + 10)(r + 5)$</p> <p>$x^2 - 5x - 36 = (x - 9)(x + 4)$</p>	<p>Find the distance between the points on the graph.</p> <p>$6\sqrt{2}$</p> 	<p>Factor Completely:</p> <p>$x^2 - 13x + 40 = (x - 8)(x - 5)$</p> <p>$3x^2 + 6x - 45 = 3(x + 5)(x - 3)$</p>													
<p>Solve and plot your answer on the number line below:</p> <p>$4x + 1 = \frac{1}{3}x + 10$</p>  <p>$x = 27/11 \approx 2.455$</p>	<p>Solve:</p> <p>$-16 = \frac{4}{3}x - 8$</p> <p>$x = -6$</p>	<p>Solve:</p> <p>$\frac{3}{2}x - 2 = 19$</p> <p>$x = 14$</p>	<p>Solve:</p> <p>$-12 = \frac{2}{9}x$</p> <p>$x = -54$</p>												
<p>Write the equation of a line in slope intercept form that has a slope of $-\frac{2}{3}$ and has a y-intercept of 7.</p> <p>$y = -\frac{2}{3}x + 7$</p>	<p>Write the equation of the line in slope intercept form.</p>  <p>$y = \frac{3}{4}x - 1$</p>	<p>Write the equation of a line in slope intercept form of a line that has a slope of $-\frac{7}{4}$ and contains $(-4, 5)$.</p> <p>$y = -\frac{7}{4}x - 2$</p>	<p>Write the equation of a line in slope intercept form that contains the points $(1, -4)$ and $(-5, 2)$.</p> <p>$y = -x - 3$</p>												
<p>Simplify the radicals below:</p> <p>$\sqrt{-16} = 4i$</p> <p>$\sqrt{-50} = 5i\sqrt{2}$</p> <p>$\sqrt{-1} = -i$</p>	<p>Matching:</p> <p>1. i A. $(\sqrt{-1})^2(\sqrt{-1})$</p> <p>2. i^2 B. $(\sqrt{-1})^2(\sqrt{-1})^2$</p> <p>3. i^3 C. $\sqrt{-1}$</p> <p>4. i^4 D. $(\sqrt{-1})^2$</p>	<p>Identify the conjugate:</p> <p>$-12 - 6i$ $-12 + 6i$</p> <p>$1 - i$ $1 + i$</p>	<p>Simplify the radicals below:</p> <p>$\sqrt{-121} = 11i$</p> <p>$\sqrt{80} = 4\sqrt{5}$</p> <p>$\sqrt{-1} = i$</p>												
<p>Always, Sometimes, Never?</p> <p>The sum of a complex number $(a + bi)$ and its conjugate is a real number.</p>	<p>Simplify the following:</p> <p>$(4 - 9i) - 2(7 - 6i)$</p> <p>$-10 + 3i$</p>	<p>Multiply the following:</p> <p>$(10 + 3i)(2 + i)$</p> <p>$17 + 16i$</p>	<p>Simplify the following:</p> <p>$\frac{2}{7i} = -\frac{2i}{7}$</p> <p>$\frac{9}{8-7i} = \frac{72+63i}{113}$</p>												
<p>Solve the following:</p> <p>1. $x^2 = 27 - 6x$</p> <p>$x = -9, 3$</p> <p>2. $x^2 + 5x + 8 = 0$</p> <p>$x = \frac{-5 \pm i\sqrt{7}}{2}$</p>	<p>Solve the following:</p> <p>1. $x^2 - 2 = 9x$</p> <p>$x = \frac{9 \pm \sqrt{89}}{2}$</p> <p>2. $-x^2 + 8x - 19 = 0$</p> <p>$x = 4 \pm i\sqrt{3}$</p>	<p>Solve the following:</p> <p>1. $3x^2 = 24x + 27$</p> <p>$x = -1, 9$</p> <p>2. $3x^2 - 5x + 4 = 0$</p> <p>$x = \frac{5 \pm i\sqrt{23}}{6}$</p>	<p>Solve the following:</p> <p>1. $3x^2 - 4 = 68$</p> <p>$x = \pm 2\sqrt{6}$</p> <p>2. $x^2 - 7x = -10$</p> <p>$x = 2, 5$</p>												
<p>Solve the following:</p> <p>1. $2x^2 + 8x = 12$</p> <p>$x = -2 \pm \sqrt{10}$</p> <p>2. $5x^2 + 2 = 5x$</p> <p>$x = \frac{5 \pm i\sqrt{15}}{10}$</p>	<p>Solve the following:</p> <p>1. $4x^2 - 30 = -5$</p> <p>$x = \pm \frac{5}{2}$</p> <p>2. $x^2 - 3x = 7$</p> <p>$x = \frac{3 \pm \sqrt{37}}{2}$</p>	<p>Solve the following:</p> <p>1. $x^2 + 8x - 33 = 0$</p> <p>$x = -11, 3$</p> <p>2. $-2x^2 + 10x = 15$</p> <p>$x = \frac{5 \pm i\sqrt{5}}{2}$</p>	<p>Solve the following:</p> <p>1. $x^2 = 12x - 20$</p> <p>$x = 2, 10$</p> <p>2. $2x^2 - 6x = -5$</p> <p>$x = \frac{3 \pm i}{2}$</p>												