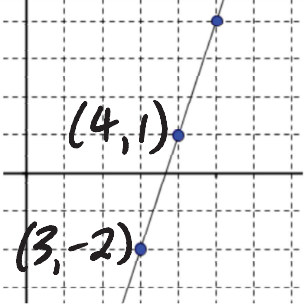
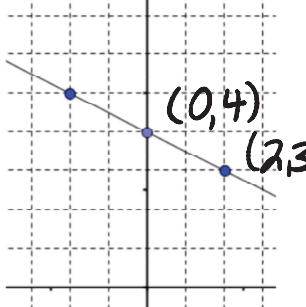
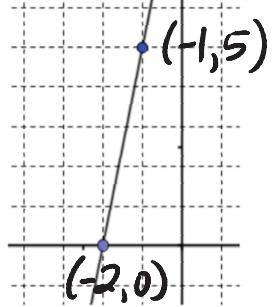


- a. Describe the relationship between  $x$  and  $y$   
 b. Write an equation to describe this relationship

		
Relationship: $\uparrow x \text{ by } 1 = \uparrow y \text{ by } 3$	Relationship: $\uparrow x \text{ by } 2 = \downarrow y \text{ by } 1$	Relationship: $\uparrow x \text{ by } 1 = \uparrow y \text{ by } 5$
Equation: $y = 3x - 11$	Equation: $y = -\frac{1}{2}x + 4$	Equation: $y = 5x + 10$

3. For the following table of values:  
 a. Describe the relationship between  $x$  and  $y$   
 b. Write an equation to describe this relationship

<table border="1" data-bbox="323 1108 634 1236"> <thead> <tr><th><math>x</math></th><th><math>y</math></th></tr> </thead> <tbody> <tr><td>1</td><td>7</td></tr> <tr><td>2</td><td>10</td></tr> <tr><td>3</td><td>13</td></tr> </tbody> </table>	$x$	$y$	1	7	2	10	3	13	<table border="1" data-bbox="657 1108 969 1236"> <thead> <tr><th><math>x</math></th><th><math>y</math></th></tr> </thead> <tbody> <tr><td>8</td><td>5</td></tr> <tr><td>10</td><td>1</td></tr> <tr><td>12</td><td>-3</td></tr> </tbody> </table>	$x$	$y$	8	5	10	1	12	-3	<table border="1" data-bbox="992 1108 1304 1236"> <thead> <tr><th><math>x</math></th><th><math>y</math></th></tr> </thead> <tbody> <tr><td>-4</td><td>0</td></tr> <tr><td>-1</td><td>2</td></tr> <tr><td>2</td><td>4</td></tr> </tbody> </table>	$x$	$y$	-4	0	-1	2	2	4
$x$	$y$																									
1	7																									
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Equation: $y = 3x + 4$	Equation: $y = -2x + 21$	Equation: $y = \frac{2}{3}x + \frac{8}{3}$																								