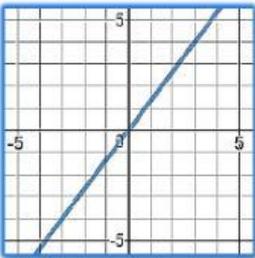
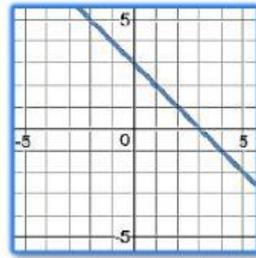
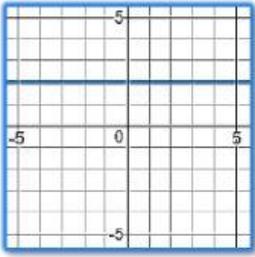
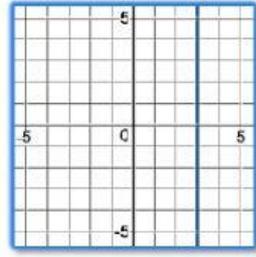


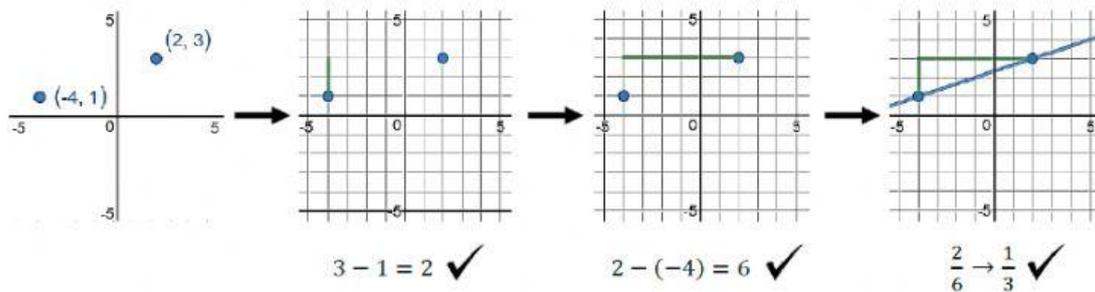
There are four *types* of slopes...

 <p>As we travel left to right, the graph goes _____.</p> <p>Type of slope: _____</p>	 <p>As we travel left to right, the graph goes _____.</p> <p>Type of slope: _____</p>
 <p>This graph is not steep at all!</p> <p>Type of slope: _____</p>	 <p>This graph is so steep we can't even call it a slope!</p> <p>Type of slope: _____</p>

© Eddie McCarthy, 2017. Graphs made with Desmos

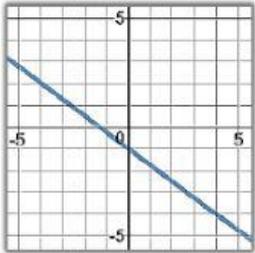
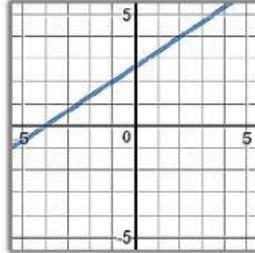
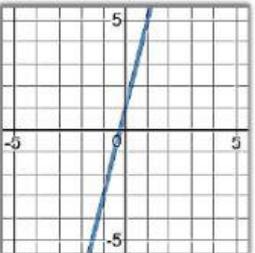
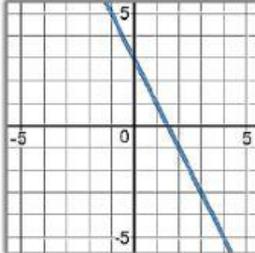
Let's find the slope using the slope formula:

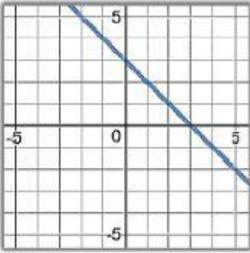
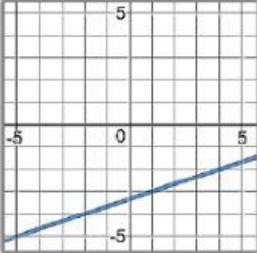
The images below explain what we just did...



If that doesn't help let's watch a video!!

**Directions:** Use the notes above or the video to find the slope using the slope formula  $m = \frac{y_2 - y_1}{x_2 - x_1}$

<p>1. </p> <p>Point 1 = <math>(x_1, y_1) =</math>            Point 2 = <math>(x_2, y_2) =</math>            Show your work using the equation:</p> <p>(Final Answer) Slope <math>m =</math></p>	<p>2. </p> <p>Point 1 = <math>(x_1, y_1) =</math>            Point 2 = <math>(x_2, y_2) =</math>            Show your work using the equation:</p> <p>(Final Answer) Slope <math>m =</math></p>
<p>3. </p> <p>Point 1 = <math>(x_1, y_1) =</math>            Point 2 = <math>(x_2, y_2) =</math>            Show your work using the equation:</p> <p>(Final Answer) Slope <math>m =</math></p>	<p>4. </p> <p>Point 1 = <math>(x_1, y_1) =</math>            Point 2 = <math>(x_2, y_2) =</math>            Show your work using the equation:</p> <p>(Final Answer) Slope <math>m =</math></p>

<p>5. </p> <p>Point 1 = <math>(x_1, y_1) =</math>          Point 2 = <math>(x_2, y_2) =</math>          Show your work using the equation:</p>   <p>(Final Answer) Slope <math>m =</math></p>	<p>6. </p> <p>Point 1 = <math>(x_1, y_1) =</math>          Point 2 = <math>(x_2, y_2) =</math>          Show your work using the equation:</p>   <p>(Final Answer) Slope <math>m =</math></p>
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**Directions:** Given the ordered pairs find the slope using the equation  $m = \frac{y_2 - y_1}{x_2 - x_1}$

<p>7. <math>(4, -1)</math> &amp; <math>(6, 2)</math>          Show your work below:</p>   <p>(Final Answer) Slope <math>m =</math></p>	<p>8. <math>(3, -2)</math> &amp; <math>(4, 3)</math>          Show your work below:</p>   <p>(Final Answer) Slope <math>m =</math></p>
<p>9. <math>(-1, 7)</math> &amp; <math>(-3, 1)</math>          Show your work below:</p>   <p>(Final Answer) Slope <math>m =</math></p>	<p>10. <math>(0, 4)</math> &amp; <math>(-3, 12)</math>          Show your work below:</p>   <p>(Final Answer) Slope <math>m =</math></p>