

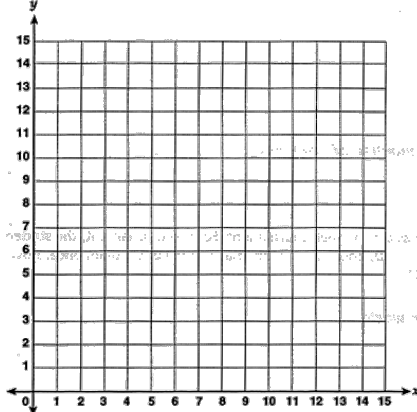
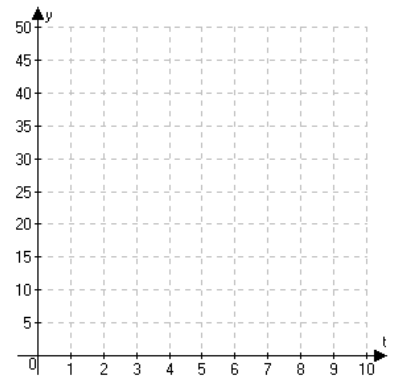
GLO	/2
HW	/10

Name: _____

Date: _____ Pd: _____

Graphing Points & Scatter Plot Correlation & Linear Equations 2 Points HOMEWORK

GRAPH the points in the table & LABEL the axes. Then, draw your LINE OF BEST FIT. Finally, identify the resulting CORRELATION and EXPLAIN what it means based on the scenario.

<p>1)</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="padding: 5px;">Minutes (x)</th> <th style="padding: 5px;">IG Likes (y)</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">1</td><td style="text-align: center;">3</td></tr> <tr><td style="text-align: center;">2</td><td style="text-align: center;">4</td></tr> <tr><td style="text-align: center;">3</td><td style="text-align: center;">4</td></tr> <tr><td style="text-align: center;">5</td><td style="text-align: center;">8</td></tr> <tr><td style="text-align: center;">6</td><td style="text-align: center;">9</td></tr> <tr><td style="text-align: center;">13</td><td style="text-align: center;">13</td></tr> <tr><td style="text-align: center;">15</td><td style="text-align: center;">14</td></tr> </tbody> </table>  <p>Correlation (CIRCLE one): Positive Negative None</p> <p>Explanation: _____</p> <p>_____</p>	Minutes (x)	IG Likes (y)	1	3	2	4	3	4	5	8	6	9	13	13	15	14	<p>2)</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="padding: 5px;">Weeks (x)</th> <th style="padding: 5px;">Money Left (y)</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">0</td><td style="text-align: center;">50</td></tr> <tr><td style="text-align: center;">2</td><td style="text-align: center;">40</td></tr> <tr><td style="text-align: center;">3</td><td style="text-align: center;">38</td></tr> <tr><td style="text-align: center;">6</td><td style="text-align: center;">25</td></tr> <tr><td style="text-align: center;">7</td><td style="text-align: center;">20</td></tr> <tr><td style="text-align: center;">8</td><td style="text-align: center;">18</td></tr> <tr><td style="text-align: center;">10</td><td style="text-align: center;">4</td></tr> </tbody> </table>  <p>Correlation (CIRCLE one): Positive Negative None</p> <p>Explanation: _____</p> <p>_____</p>	Weeks (x)	Money Left (y)	0	50	2	40	3	38	6	25	7	20	8	18	10	4
Minutes (x)	IG Likes (y)																																
1	3																																
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Find the SLOPE-INTERCEPT form of the equation of the line between the following pairs of points.

<p>3)</p> <p style="text-align: center;">(4 , 18) and (6 , 24)</p> <p>Slope (m) = _____</p> <p>y-intercept (b) = _____</p> <p>Slope-intercept equation: _____</p>	<p>4)</p> <p style="text-align: center;">(-2 , 10) and (4 , 1)</p> <p>Slope (m) = _____</p> <p>y-intercept (b) = _____</p> <p>Slope-intercept equation: _____</p>
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