
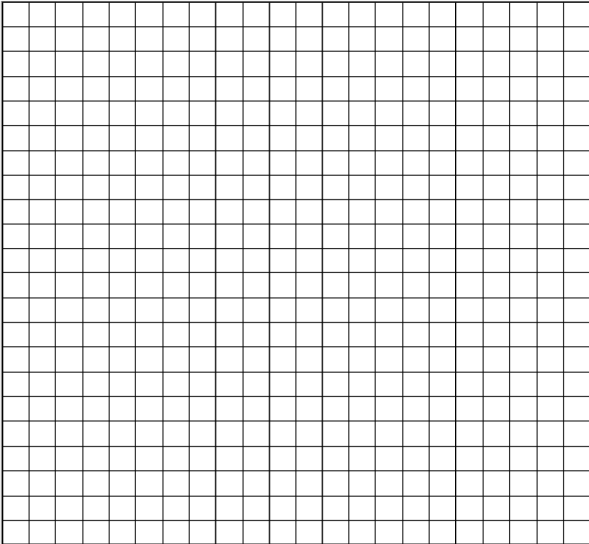


Name _____ Date _____

Algebra/Geometry A 3 - Grade 11

Linear Equation Link Sheet

Verbal	Table of Values																
<p>Kris decides that the walls in Mrs. Bagtaz' class need a little sprucing up. He wants to paint the classroom with the help of his classmates. The only cost to the school will be the price of the paint. Mr. Nickole heard about this idea and might want more classrooms painted but he needs a pricing guide to determine the total cost needed for the paint.</p> <div style="text-align: center; margin: 10px 0;">  </div> <p>The cost of paint is \$16 per gallon. At this point, the amount of gallons needed is unknown.</p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 50%;">Number of gallons of paint (x)</th> <th style="width: 50%;">Total cost of paint (y)</th> </tr> </thead> <tbody> <tr><td>0</td><td></td></tr> <tr><td>1</td><td></td></tr> <tr><td>2</td><td></td></tr> <tr><td>3</td><td></td></tr> <tr><td>4</td><td></td></tr> <tr><td>5</td><td></td></tr> <tr><td>10</td><td></td></tr> </tbody> </table>	Number of gallons of paint (x)	Total cost of paint (y)	0		1		2		3		4		5		10	
Number of gallons of paint (x)	Total cost of paint (y)																
0																	
1																	
2																	
3																	
4																	
5																	
10																	
Graph	Equation																
<div style="border: 1px solid black; width: 100%; height: 100%; min-height: 200px;">  </div>	<p style="text-align: center;">$Y = mx + b$</p> <p>m = _____</p> <p>b = _____</p> <p style="text-align: center;">$m = \frac{\text{change in } y}{\text{change in } x}$</p>																