


Representing Linear Functions


Name: _____


Represent each situation using words, an equation & graph. Identify the independent & dependent variables.

#1 <u>Words</u>	<u>Equation</u>										
<u>Graph</u>  Independent: Dependent:	<u>Table</u> <table border="1" data-bbox="1112 583 1443 1056"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>0</td><td>10</td></tr><tr><td>1</td><td>15</td></tr><tr><td>2</td><td>20</td></tr><tr><td>3</td><td>25</td></tr></tbody></table>	x	y	0	10	1	15	2	20	3	25
x	y										
0	10										
1	15										
2	20										
3	25										

#2 <u>Words</u>	<u>Equation</u>										
<u>Graph</u>  Independent: Dependent:	<u>Table</u> <table border="1" data-bbox="1123 1507 1437 1955"><thead><tr><th>days reading</th><th>pages left</th></tr></thead><tbody><tr><td>0</td><td>200</td></tr><tr><td>1</td><td>175</td></tr><tr><td>2</td><td>150</td></tr><tr><td>3</td><td>125</td></tr></tbody></table>	days reading	pages left	0	200	1	175	2	150	3	125
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Represent each situation using words, an equation & graph. Identify the independent & dependent variables.

<p>#3</p> <p><u>Words</u></p>	<p><u>Equation</u></p>										
<p><u>Graph</u></p>  <p>Independent:</p> <p>Dependent:</p>	<p><u>Table</u></p> <table border="1"><thead><tr><th># of toppings</th><th>cost of pizza</th></tr></thead><tbody><tr><td>0</td><td>12.00</td></tr><tr><td>2</td><td>13.00</td></tr><tr><td>4</td><td>14.00</td></tr><tr><td>6</td><td>15.00</td></tr></tbody></table>	# of toppings	cost of pizza	0	12.00	2	13.00	4	14.00	6	15.00
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2	13.00										
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<p>#4</p> <p><u>Words</u></p>	<p><u>Equation</u></p>										
<p><u>Graph</u></p>  <p>Independent:</p> <p>Dependent:</p>	<p><u>Table</u></p> <table border="1"><thead><tr><th>gallons of gas bought</th><th>money left on gas card</th></tr></thead><tbody><tr><td>0</td><td>60</td></tr><tr><td>3</td><td>51</td></tr><tr><td>6</td><td>42</td></tr><tr><td>9</td><td>33</td></tr></tbody></table>	gallons of gas bought	money left on gas card	0	60	3	51	6	42	9	33
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