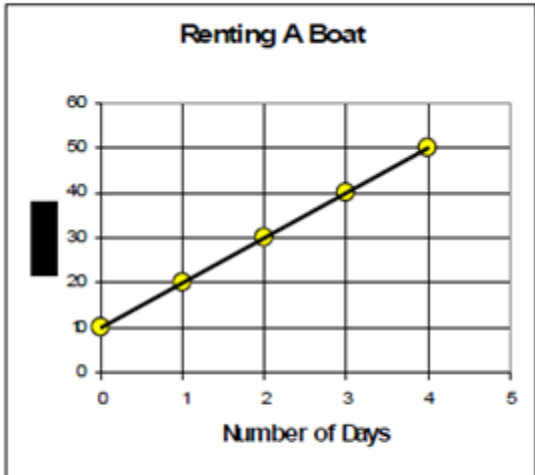


## MFM2P – Equations of Lines – Day 1: Relationships 101

<p><b>Money, Money!</b></p> <p>Ayda receives a base salary of \$200 and \$50 for every audio system he sells.</p>	<p><b>Internet Fees</b></p> <p>An internet package charges a flat fee of \$10 plus \$0.40 per hour.</p>
<p>Initial Value:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>	<p>Initial Value:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>
<p>Rate:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>	<p>Rate:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>
<p>Independent Variable:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>	<p>Independent Variable:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>
<p>Dependent Variable:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>	<p>Dependent Variable:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>

<p><b>A Runner's Time</b></p> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #ADD8E6;"> <th style="padding: 5px;">Time (s)</th> <th style="padding: 5px;">Distance (m)</th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">0</td><td style="padding: 5px;">0</td></tr> <tr><td style="padding: 5px;">1</td><td style="padding: 5px;">2</td></tr> <tr><td style="padding: 5px;">2</td><td style="padding: 5px;">4</td></tr> <tr><td style="padding: 5px;">3</td><td style="padding: 5px;">6</td></tr> <tr><td style="padding: 5px;">4</td><td style="padding: 5px;">8</td></tr> </tbody> </table>	Time (s)	Distance (m)	0	0	1	2	2	4	3	6	4	8	<p><b>Cost of Renting a Bus</b></p> <div style="text-align: center; margin: 10px 0;"> </div>
Time (s)	Distance (m)												
0	0												
1	2												
2	4												
3	6												
4	8												
<p>Initial Value:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>	<p>Initial Value:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>												
<p>Rate:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>	<p>Rate:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>												
<p>Independent Variable:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>	<p>Independent Variable:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>												
<p>Dependent Variable:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>	<p>Dependent Variable:</p> <div style="border: 1px dashed black; height: 30px; width: 100%;"></div>												

<b>Another Banquet Hall</b> A banquet hall charges a flat rate of \$300 plus \$20 per person.	<b>Earning Money</b> Lindsay earns \$10 per hour.
Initial Value: <input type="text"/>	Initial Value: <input type="text"/>
Rate: <input type="text"/>	Rate: <input type="text"/>
Independent Variable: <input type="text"/>	Independent Variable: <input type="text"/>
Dependent Variable: <input type="text"/>	Dependent Variable: <input type="text"/>

<b>Running Up The Stairs</b>  <table border="1" data-bbox="305 898 695 1167"> <thead> <tr> <th>Time (s)</th> <th>Number of Stairs Climbed</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>10</td> </tr> <tr> <td>1</td> <td>12</td> </tr> <tr> <td>2</td> <td>14</td> </tr> <tr> <td>3</td> <td>15</td> </tr> <tr> <td>4</td> <td>16</td> </tr> </tbody> </table>	Time (s)	Number of Stairs Climbed	0	10	1	12	2	14	3	15	4	16	<b>Cost of Renting a Boat</b>  
Time (s)	Number of Stairs Climbed												
0	10												
1	12												
2	14												
3	15												
4	16												
Initial Value: <input type="text"/>	Initial Value: <input type="text"/>												
Rate: <input type="text"/>	Rate: <input type="text"/>												
Independent Variable: <input type="text"/>	Independent Variable: <input type="text"/>												
Dependent Variable: <input type="text"/>	Dependent Variable: <input type="text"/>												