

Name: \_\_\_\_\_

Class/Block: \_\_\_\_\_ Date: \_\_\_\_\_

## Tables: Are They Linear?

Check all the examples showing linear relationships. For each example, explain your reasoning or show how you know it is a linear relationship or not a linear relationship.

<i>No.</i>	<i>Example</i>	<i>Explain your reasoning and show how you know</i>										
1.	<input type="checkbox"/> <table style="margin-left: 40px; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">x</td> <td style="padding: 5px 10px;">y</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">1</td> <td style="padding: 5px 10px;">7</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">2</td> <td style="padding: 5px 10px;">14</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">3</td> <td style="padding: 5px 10px;">21</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">4</td> <td style="padding: 5px 10px;">28</td> </tr> </table>	x	y	1	7	2	14	3	21	4	28	
x	y											
1	7											
2	14											
3	21											
4	28											
2.	<input type="checkbox"/> <table style="margin-left: 40px; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">x</td> <td style="padding: 5px 10px;">y</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">1</td> <td style="padding: 5px 10px;">4</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">2</td> <td style="padding: 5px 10px;">6</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">3</td> <td style="padding: 5px 10px;">9</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">4</td> <td style="padding: 5px 10px;">11</td> </tr> </table>	x	y	1	4	2	6	3	9	4	11	
x	y											
1	4											
2	6											
3	9											
4	11											
3.	<input type="checkbox"/> <table style="margin-left: 40px; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">x</td> <td style="padding: 5px 10px;">y</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">3</td> <td style="padding: 5px 10px;">6</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">5</td> <td style="padding: 5px 10px;">10</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">9</td> <td style="padding: 5px 10px;">18</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">12</td> <td style="padding: 5px 10px;">24</td> </tr> </table>	x	y	3	6	5	10	9	18	12	24	
x	y											
3	6											
5	10											
9	18											
12	24											
4.	<input type="checkbox"/> <table style="margin-left: 40px; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">x</td> <td style="padding: 5px 10px;">y</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">4</td> <td style="padding: 5px 10px;">2</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">6</td> <td style="padding: 5px 10px;">4</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">9</td> <td style="padding: 5px 10px;">6</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">13</td> <td style="padding: 5px 10px;">8</td> </tr> </table>	x	y	4	2	6	4	9	6	13	8	
x	y											
4	2											
6	4											
9	6											
13	8											
5.	<input type="checkbox"/> <table style="margin-left: 40px; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">x</td> <td style="padding: 5px 10px;">y</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">7</td> <td style="padding: 5px 10px;">17</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">8</td> <td style="padding: 5px 10px;">19</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">9</td> <td style="padding: 5px 10px;">21</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px 10px;">10</td> <td style="padding: 5px 10px;">23</td> </tr> </table>	x	y	7	17	8	19	9	21	10	23	
x	y											
7	17											
8	19											
9	21											
10	23											