

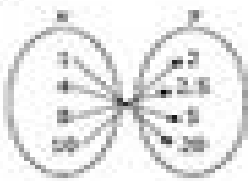
Name: \_\_\_\_\_

Direct & Inverse Variation Test

Date: \_\_\_\_\_ Bell: \_\_\_\_\_

Good Luck! ☺

**SHOW ALL WORK NEEDED TO ANSWER EACH QUESTION!  
PLACE YOUR FINAL ANSWER IN THE BOX.**

<p>1. <math>y = -\frac{2}{3}x</math></p> <p>A. Direct B. Inverse C. Neither</p> <p style="text-align: right;"><input type="checkbox"/></p>	<p>2. <math>xy = 40</math></p> <p>A. Direct B. Inverse C. Neither</p> <p style="text-align: right;"><input type="checkbox"/></p>																				
<p>3. <math>3x - 2y = 2</math></p> <p>A. Direct B. Inverse C. Neither</p> <p style="text-align: right;"><input type="checkbox"/></p>	<p>4. <math>\frac{1}{y} = x</math></p> <p>A. Direct B. Inverse C. Neither</p> <p style="text-align: right;"><input type="checkbox"/></p>																				
<p>5.</p> <table border="1" data-bbox="287 1086 414 1209"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>6</td></tr><tr><td>-2</td><td>12</td></tr><tr><td>0</td><td>-2</td></tr></tbody></table> <p>A. Direct B. Inverse C. Neither</p> <p style="text-align: right;"><input type="checkbox"/></p>	x	y	-4	6	-2	12	0	-2	<p>6.</p> <table border="1" data-bbox="925 1075 1189 1131"><thead><tr><th>x</th><th>y</th><th>z</th><th>yz</th></tr></thead><tbody><tr><td>1</td><td>1</td><td>1</td><td>1</td></tr><tr><td>2</td><td>2</td><td>4</td><td>8</td></tr></tbody></table> <p>A. Direct B. Inverse C. Neither</p> <p style="text-align: right;"><input type="checkbox"/></p>	x	y	z	yz	1	1	1	1	2	2	4	8
x	y																				
-4	6																				
-2	12																				
0	-2																				
x	y	z	yz																		
1	1	1	1																		
2	2	4	8																		
<p>7. (0, 4), (5, 0), (0, 6), (5, 7), (2, 0)</p> <p>A. Direct B. Inverse C. Neither</p> <p style="text-align: right;"><input type="checkbox"/></p>	<p>8.</p>  <p>A. Direct B. Inverse C. Neither</p> <p style="text-align: right;"><input type="checkbox"/></p>																				