

Algebra Readiness

Practice Test

Full Name _____

06 A – Linear Equations (tables)

Date _____ Period _____

<p>1. Graph the line by using the table of values.</p> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><th>x</th><th>y</th></tr> <tr><td>-4</td><td>3</td></tr> <tr><td>-1</td><td>1</td></tr> <tr><td>2</td><td>-1</td></tr> </table> <p style="margin-left: 20px;"></p>	x	y	-4	3	-1	1	2	-1	<p>0 5 10 points</p> <p>2. Fill in the table of 3 points for the equation.</p> $y = -\frac{5}{2}x - 1$ <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><th>x</th><th>y</th></tr> <tr><td>0</td><td></td></tr> <tr><td>2</td><td></td></tr> <tr><td>4</td><td></td></tr> </table>	x	y	0		2		4	
x	y																
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<p>3. Make a table of three values and graph the line. $x = -4$</p> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><th>x</th><th>y</th></tr> <tr><td></td><td></td></tr> </table> <p style="margin-left: 20px;"></p>	x	y			<p>0 10 points</p> <p>4. Make a table of 3 points for the equation.</p> $y = -x - 3$ <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><th>x</th><th>y</th></tr> <tr><td></td><td></td></tr> </table>	x	y			<p>0 5 10 points</p> <p>5. Make a table of 3 points for the equation.</p> $y = \frac{3}{4}x - 2$ <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><th>x</th><th>y</th></tr> <tr><td></td><td></td></tr> </table>	x	y					
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<p>6. Determine whether the points fall on the line by graphing. (True or False) A: (3,1) B: (-5,-2)</p> <p style="margin-left: 20px;"></p>	<p>0 5 10 points</p> <p>7. Determine whether the points are solutions to the equation by using substitution. (True or False) $y = -2x - 3$</p> <p>A: (-4,5) B: (2,-1)</p>	<p>0 5 10 points</p> <p>8. Identify the coordinates of the x-intercept and y-intercept from the graph. $x\text{-int } (,)$ $y\text{-int } (,)$</p> <p style="margin-left: 20px;"></p>															
<p>9. Find the coordinates of the x-intercept and the y-intercept from the equation. $-2x + 5y = 20$</p> <p>$x\text{-intercept } (,)$</p> <p>$y\text{-intercept } (,)$</p>	<p>0 5 10 points</p> <p>10. Make a table of two values and graph the line.</p> $-x - 3y = 6$ <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><th>x</th><th>y</th></tr> <tr><td></td><td></td></tr> </table> <p style="margin-left: 20px;">Standards: 6.NS.C.5 7.NS.A.1.c 6.NS.C.6.a 7.NS.A.1.a</p>	x	y														
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