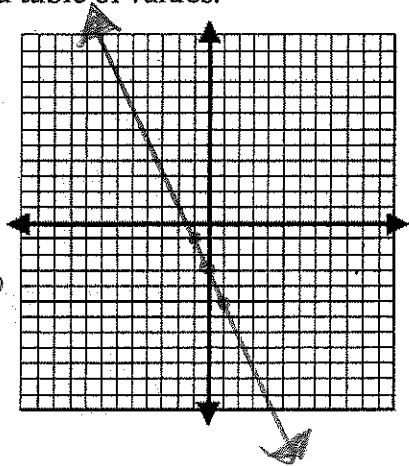
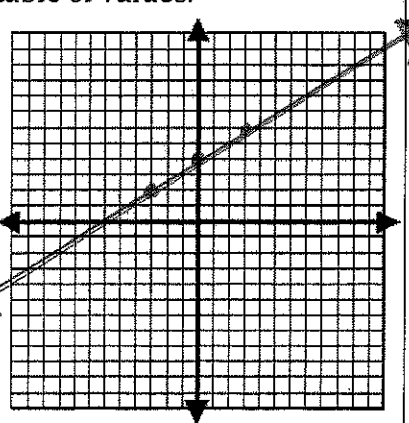
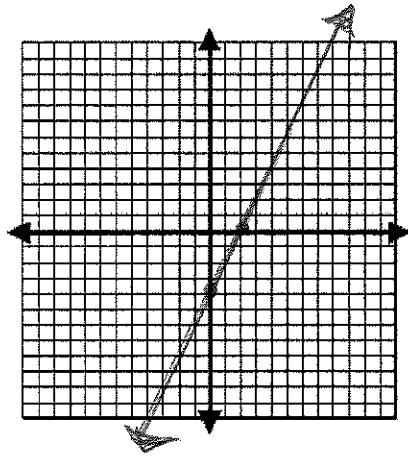


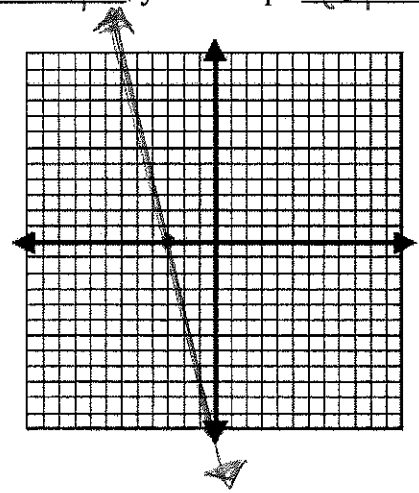
P164-166

<p>1. <u>Function</u> or not a function?</p> <p>Explain: each input is unique</p>	<p>2. Function or <u>not a function</u>?</p> <p>Explain: Does not pass the V-L test</p>																								
<p>3. <u>Function</u> or not a function?</p> <p>Explain: each input is unique</p>	<p>4. a. x (hours) - independent y (\$\$) - dependent</p> <p>b. $y = 10(4) + 100$ <u>$y = \\$140$</u></p> <p>Do not find the domain/range</p>																								
<p>5. <u>Linear</u> or Nonlinear?</p> <p>Explain: x and y change at a constant rate</p>	<p>6. Linear or <u>Nonlinear</u>?</p> <p>Explain: Graph does not make a straight line</p>																								
<p>8. Find $f(-3)$</p> <p>$f(-3) = (-3) + 8$ <u>$f(-3) = 5$</u></p>	<p>9. Find $g(5)$</p> <p>$g(5) = 4 - 3(5)$ $g(5) = 4 - 15$ <u>$g(5) = -11$</u></p>																								
<p>10.</p> <p>$49 = 7x$ <u>$x = 7$</u></p>	<p>11.</p> <p>$19 = -5x - 1$ $20 = -5x$ <u>$-x = -4$</u></p>																								
<p>12. Graph using a table of values.</p> <table border="1" style="display: inline-table; margin-right: 20px;"> <thead> <tr> <th>x</th> <th>$-2x - 3$</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>-1</td> <td></td> <td>-1</td> </tr> <tr> <td>0</td> <td></td> <td>-3</td> </tr> <tr> <td>1</td> <td></td> <td>-5</td> </tr> </tbody> </table> 	x	$-2x - 3$	y	-1		-1	0		-3	1		-5	<p>13. Graph using a table of values.</p> <table border="1" style="display: inline-table; margin-right: 20px;"> <thead> <tr> <th>x</th> <th>$\frac{2}{3}x + 4$</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>-3</td> <td></td> <td>2</td> </tr> <tr> <td>0</td> <td></td> <td>4</td> </tr> <tr> <td>3</td> <td></td> <td>6</td> </tr> </tbody> </table> 	x	$\frac{2}{3}x + 4$	y	-3		2	0		4	3		6
x	$-2x - 3$	y																							
-1		-1																							
0		-3																							
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x	$\frac{2}{3}x + 4$	y																							
-3		2																							
0		4																							
3		6																							

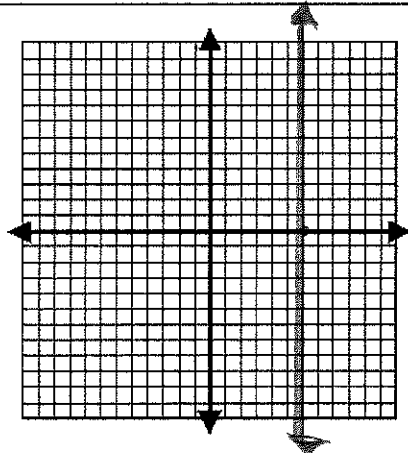
14. x-intercept: $(2, 0)$ y-intercept: $(0, -4)$



15. x-intercept: $(-3, 0)$ y-intercept: $(0, -12)$



17.



18.

$$m = \frac{6}{5}$$

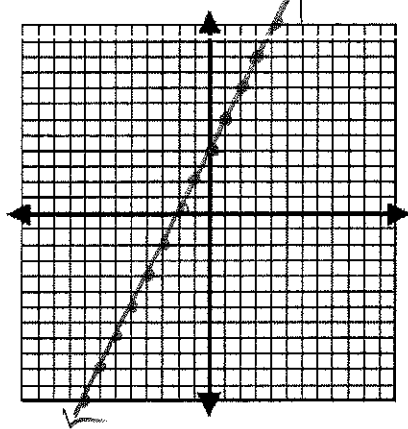
19.

$m = \text{undefined}$

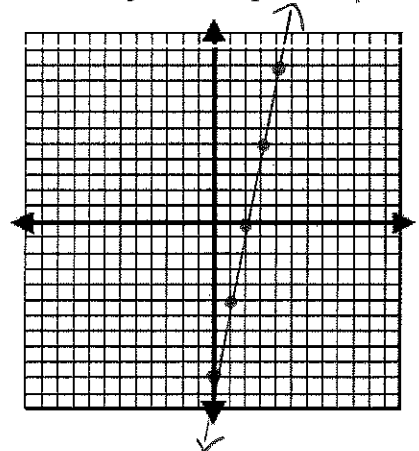
20.

$$m = 0$$

21. Slope: $m = 2/1$ y-intercept: $(0, 4)$



22. Slope: $m = 5/1$ y-intercept: $(0, -10)$



24. Slope: $m = -2/3$

y-intercept: $(0, 2)$

