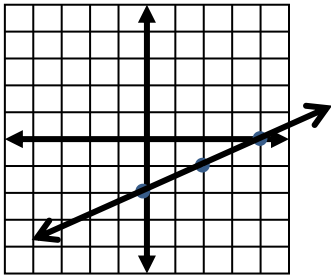
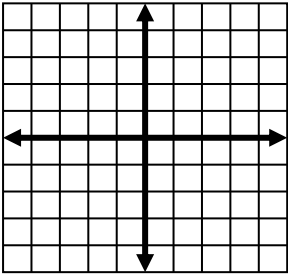
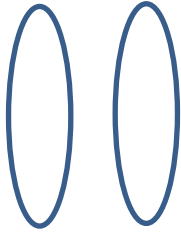


<p>1. Put in slope-intercept form. $y - 2 = -6(x - 3)$</p> <p>Answer: _____</p>	<p>2. Find the slope and y-intercept. $5x - y = 2$</p> <p>Answer: m= b=</p>	<p>3. Write the equation of the line parallel to $3x - y = 1$ passing through $(-15, -6)$.</p> <p>Answer: _____</p>
<p>4. Write the equation of the line with $m = -2$ passing through $(4, -9)$.</p> <p>Answer: _____</p>	<p>5. Write the equation of the line passing through $(-2, 5), (-2, 8)$</p> <p>Answer: _____</p>	<p>6. Write the equation of the line with slope= 0 passing through $(4,7)$.</p> <p>Answer: _____</p>
<p>7. Write the equation of the line graphed below:</p>  <p>Answer: _____</p>	<p>8. Graph by the intercepts.</p> <p>$4x + 3y = -12$</p> <p>Work for x-intercept:</p> <p>Work for y-intercept:</p> 	<p>9. Each pair of points lies on the same line. Find x.</p> <p>$(x, -7), (2, 17)$; slope = $-\frac{8}{3}$</p>
<p>10.</p>	<p>11. Graph</p>	<p>12. Graph</p>

$\{(-1,3)(2,3)(4,6)(5,5)\}$

Draw a mapping:



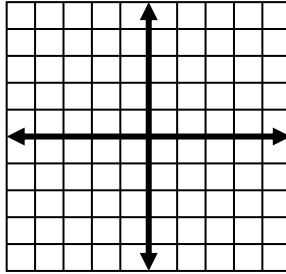
State the domain and range.

Domain:

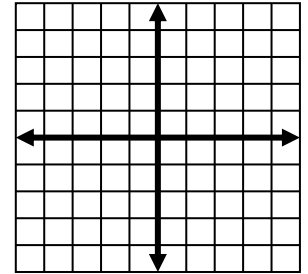
Range:

Is this a function? Explain.

$$x - 3y = 3$$



$$y = -2x + 4$$



13. Write the equation of the line perpendicular to $y = -7x + 3$ passing through $(14,7)$.

Answer: _____

14. If a line has an undefined slope, what does the graph look like?

15. Find the slope of the line passing through $(-1,9)$ and $(4,-7)$.

Answer: _____

16. Graph the following function.

x	$f(x) = x^2 - 2x - 3$	$f(x)$
-2		
-1		
0		
1		
2		
3		

