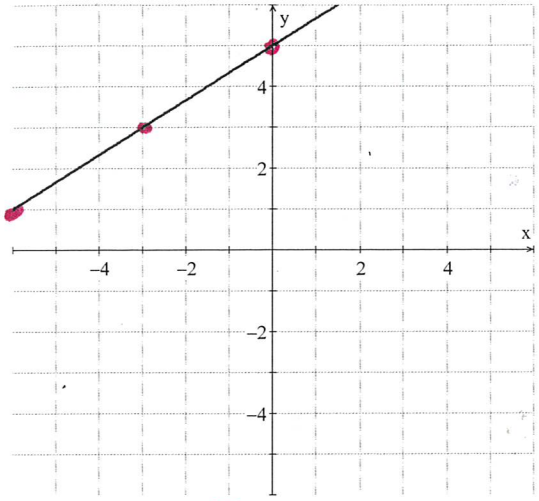
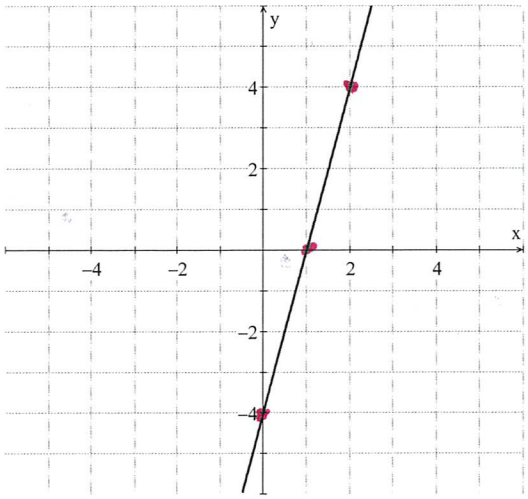
7.



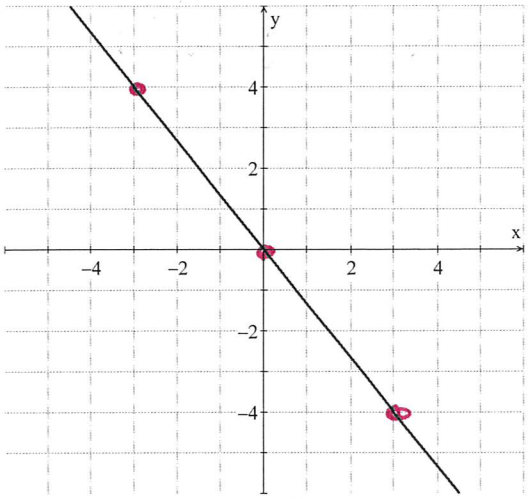

$y = \frac{2}{3}x + 5$

8.




$y = 4x - 4$

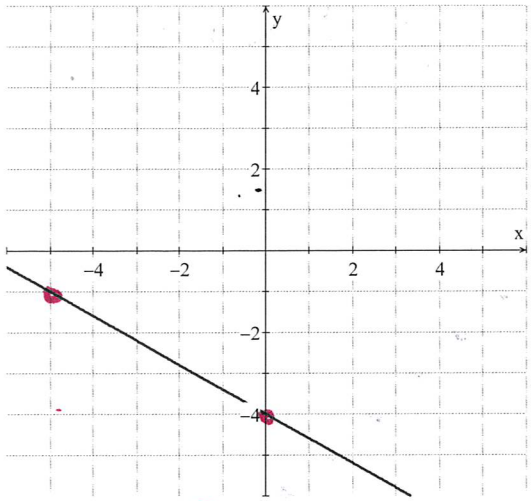
9.




$y = -\frac{4}{3}x + 0$

$\boxed{y = -\frac{4}{3}x}$

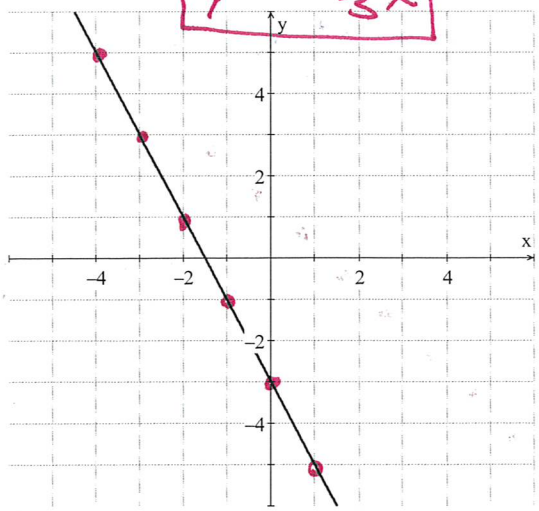
10.




$\frac{-3}{+5}$

$y = -\frac{3}{5}x - 4$

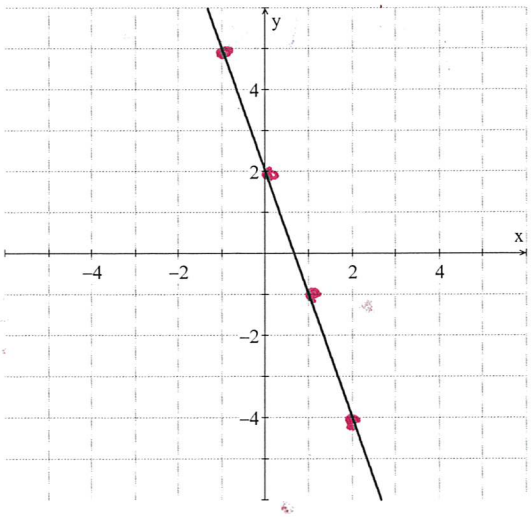
11.




$\frac{+2}{-1} = -2$

$y = -2x - 3$

12.




$\frac{-3}{+1} = -3$

$y = -3x + 2$

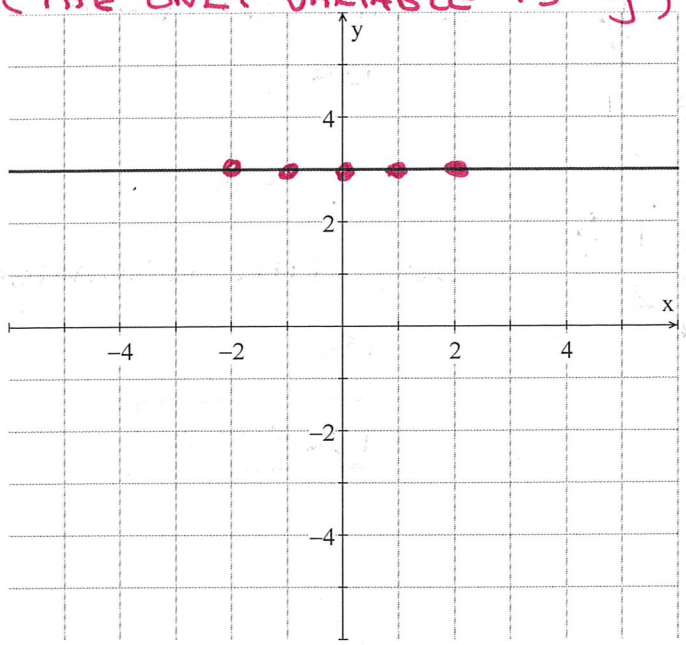
Understanding Horizontal & Vertical Lines

Name: B. WILSON

Period: _____

## Horizontal Lines

(THE ONLY VARIABLE IS y)




| x | y |
|---|---|
| −2 | 3 |
| −1 | 3 |
| 0 | 3 |
| 1 | 3 |
| 2 | 3 |

WHAT WILL THE Y-VALUES ALWAYS BE?

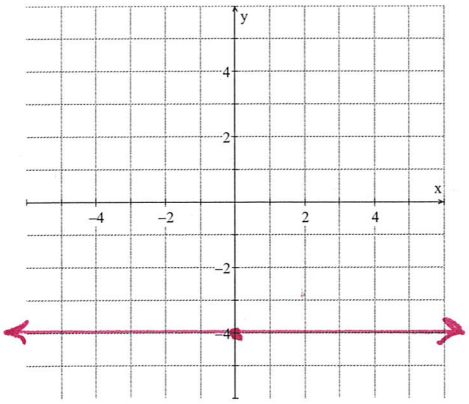
3

SO, THE EQUATION IS

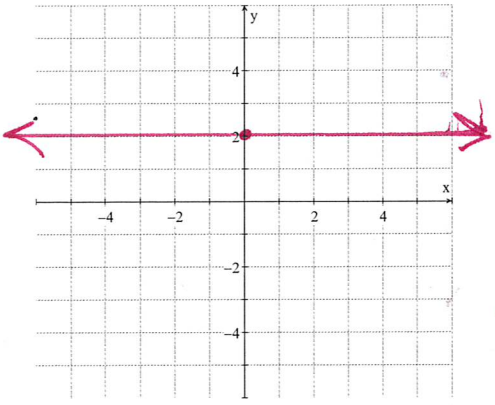
$y = 3$

Graph the given equations.

1. $y = -4$

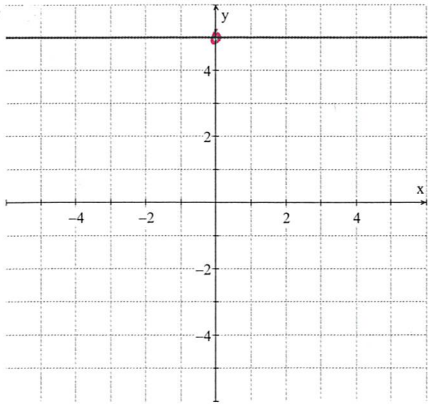



2. $y = 2$



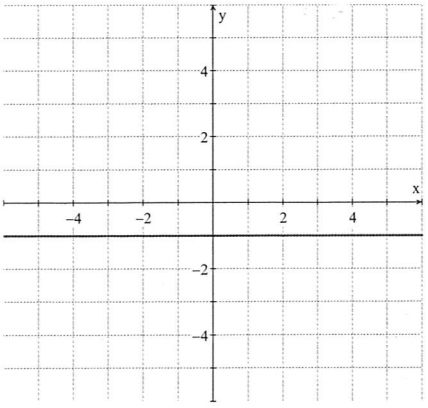

Determine the equation of the given graphs.

3.




$y = 5$

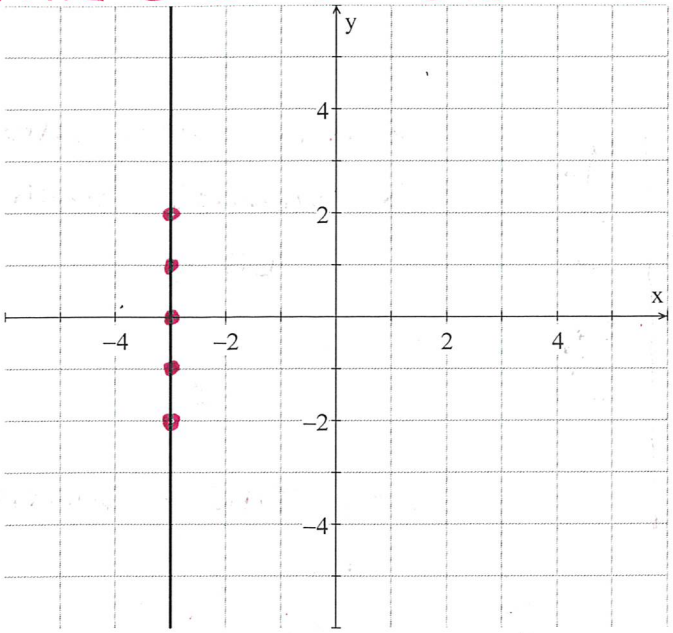
4.




$y = -1$

Vertical Lines

(THE ONLY VARIABLE IS X)




| x | y |
|---|---|
| -3 | -2 |
| -3 | -1 |
| -3 | 0 |
| -3 | 1 |
| -3 | 2 |

WHAT WILL THE X-VALUES ALWAYS BE?

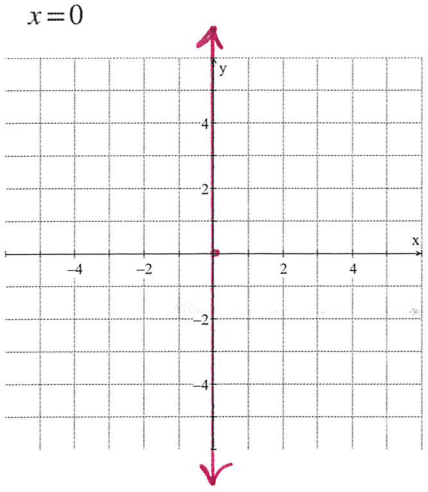
-3

SO, THE EQUATION IS

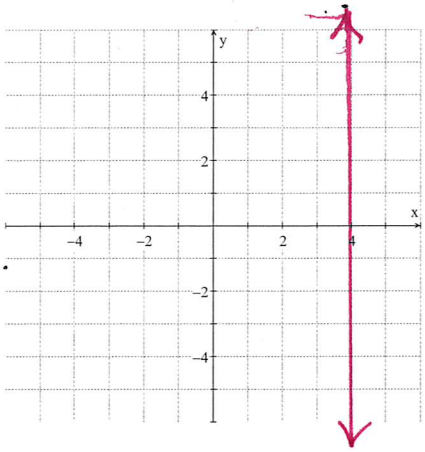
$\boxed{x = -3}$

Graph the given equations.

1. $x = 0$

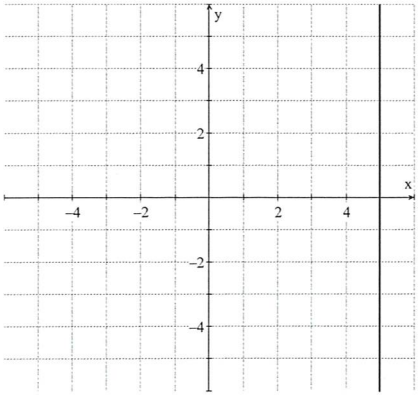



2. $x = 4$



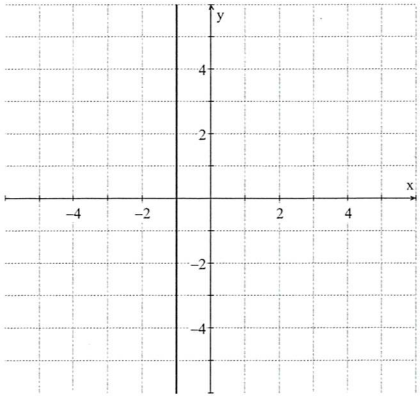

Determine the equation of the given graphs.

3.




$x = 5$

4.




$x = -1$