$\qquad$
$\qquad$ Period: $\qquad$

## Chapter 3 Vocabulary



## Across

6. This represents the relationship between two changing quantities
7. y2-y1/ x2-x1
8. A linear equation that is $\mathrm{y}=\mathrm{mx}+\mathrm{b}$
9. Lines that intersect and form right angles
10. An equation that represents a linear function
11. $y=x$ or $f(x)=x$

Down

1. The y-coordinate of a point where the graph crosses the $y$-axis
2. One form of a linear equation
3. An equation with a non vertical line that is $\mathrm{y}-\mathrm{y} 1=\mathrm{m}(\mathrm{x}-\mathrm{x} 1)$
4. A relationship represented by $\mathrm{y}=\mathrm{kx}$
5. The simplest function with a group of characteristics
6. Two numbers whose product is -1
7. The x-coordinate of a point where the graph crosses the x -axis
8. Lines that never touch or intersect and that stay in the same place
9. This is rise over run
