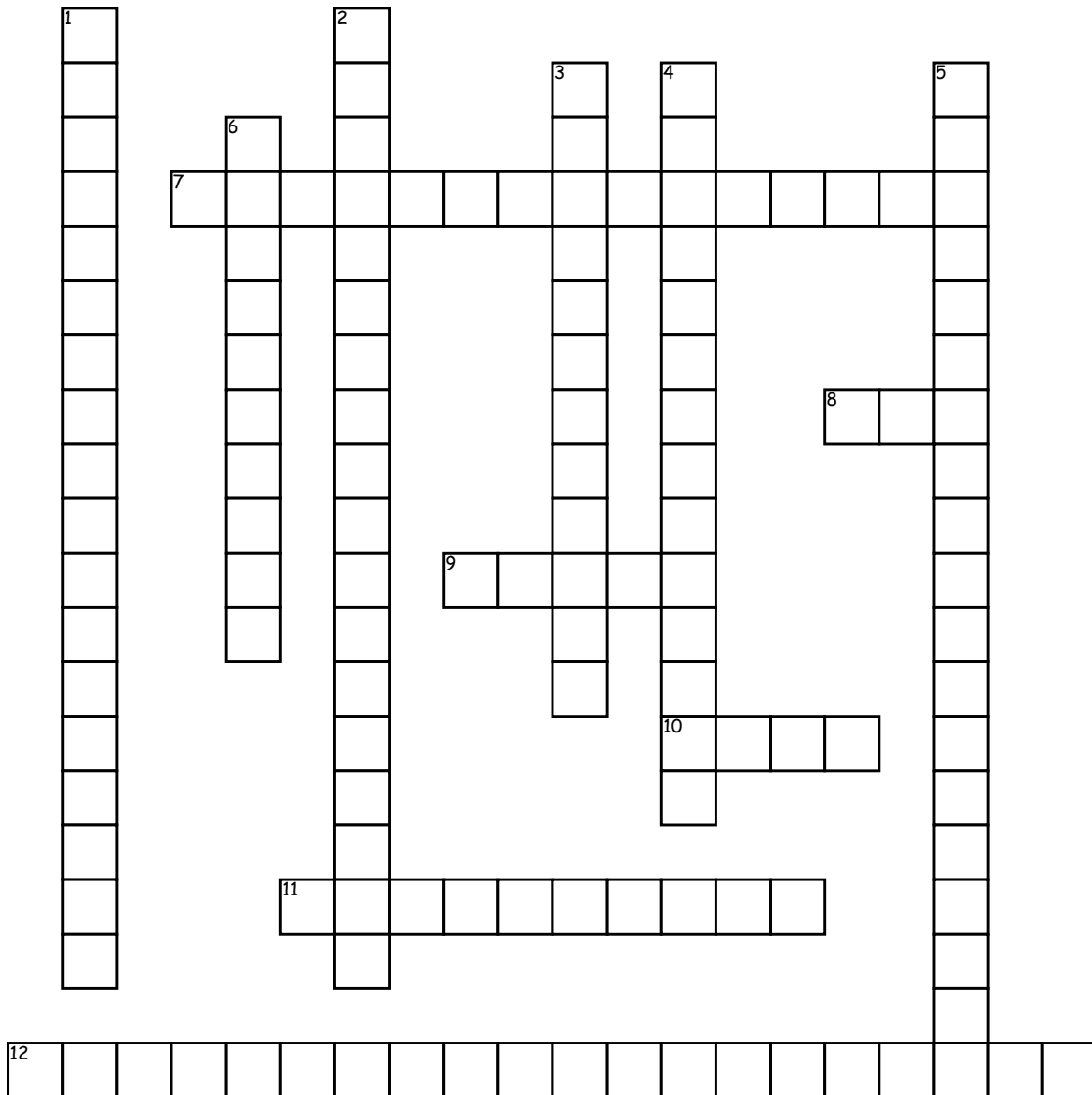


Chapter 3 Vocabulary



Across

- 7. a linear relationship in which the ratio of y to x is a constant
- 8. horizontal change
- 9. the ratio of the rise
- 10. vertical change
- 11. the y -coordinate of the point where the line crosses the y -axis

- 12. The rate of change between any two points in a linear relationship is the same or constant

Down

- 1. an equation written in the form $y=mx+b$, where m is the slope and b is the y -intercept
- 2. relationships that have straight-line graphs

- 3. an equation written in the form $Ax+By=C$
- 4. an equation of the form $y-y_1=m(x-x_1)$, where m is the slope and (x_1, y_1) is a given point on a non-vertical line
- 5. a constant ratio in a direct variation
- 6. the x -coordinate of the point where the line crosses the x -axis