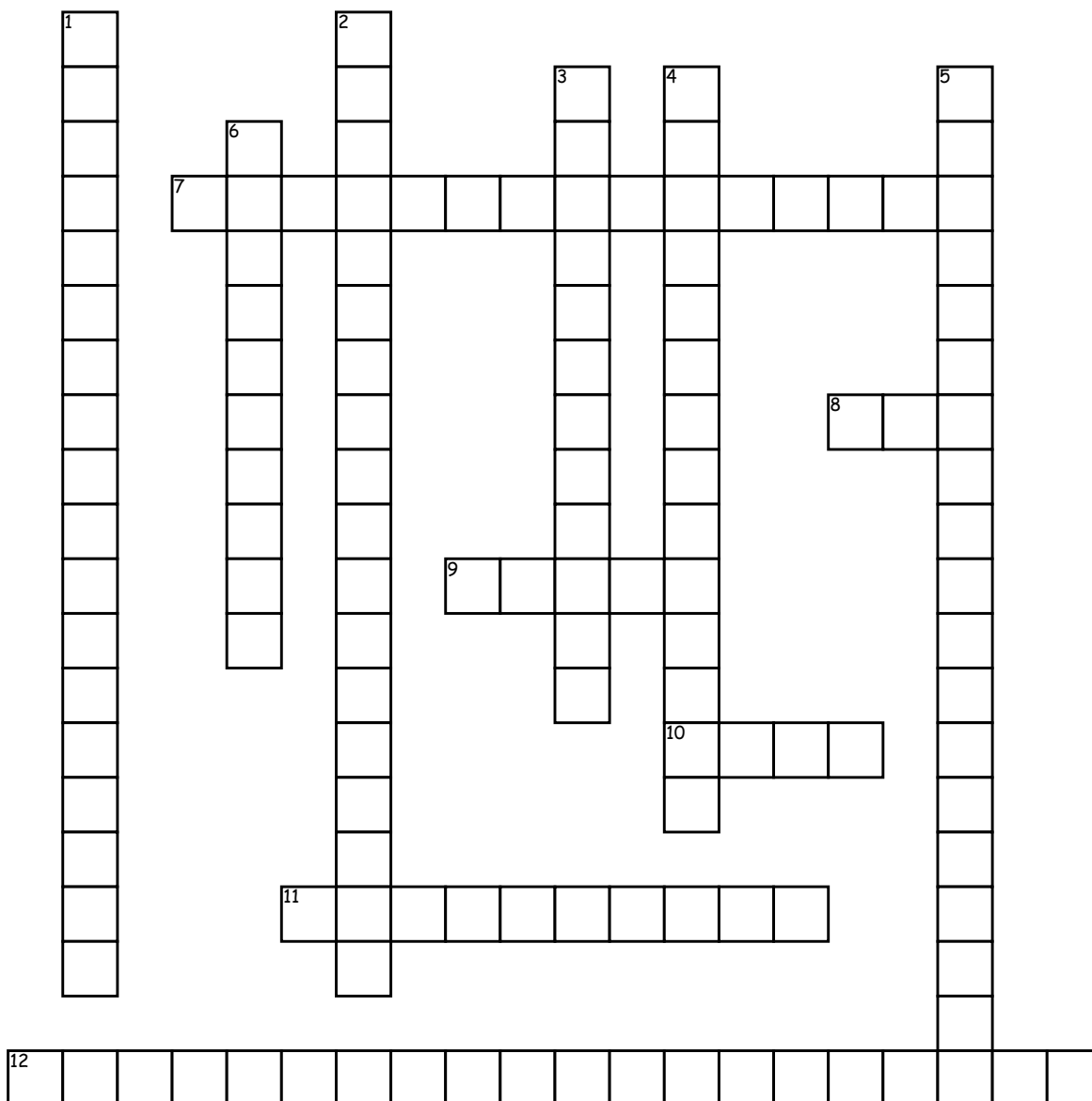


Chapter 3 Vocabulary



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