Graphing Linear Equations and Functions Unit
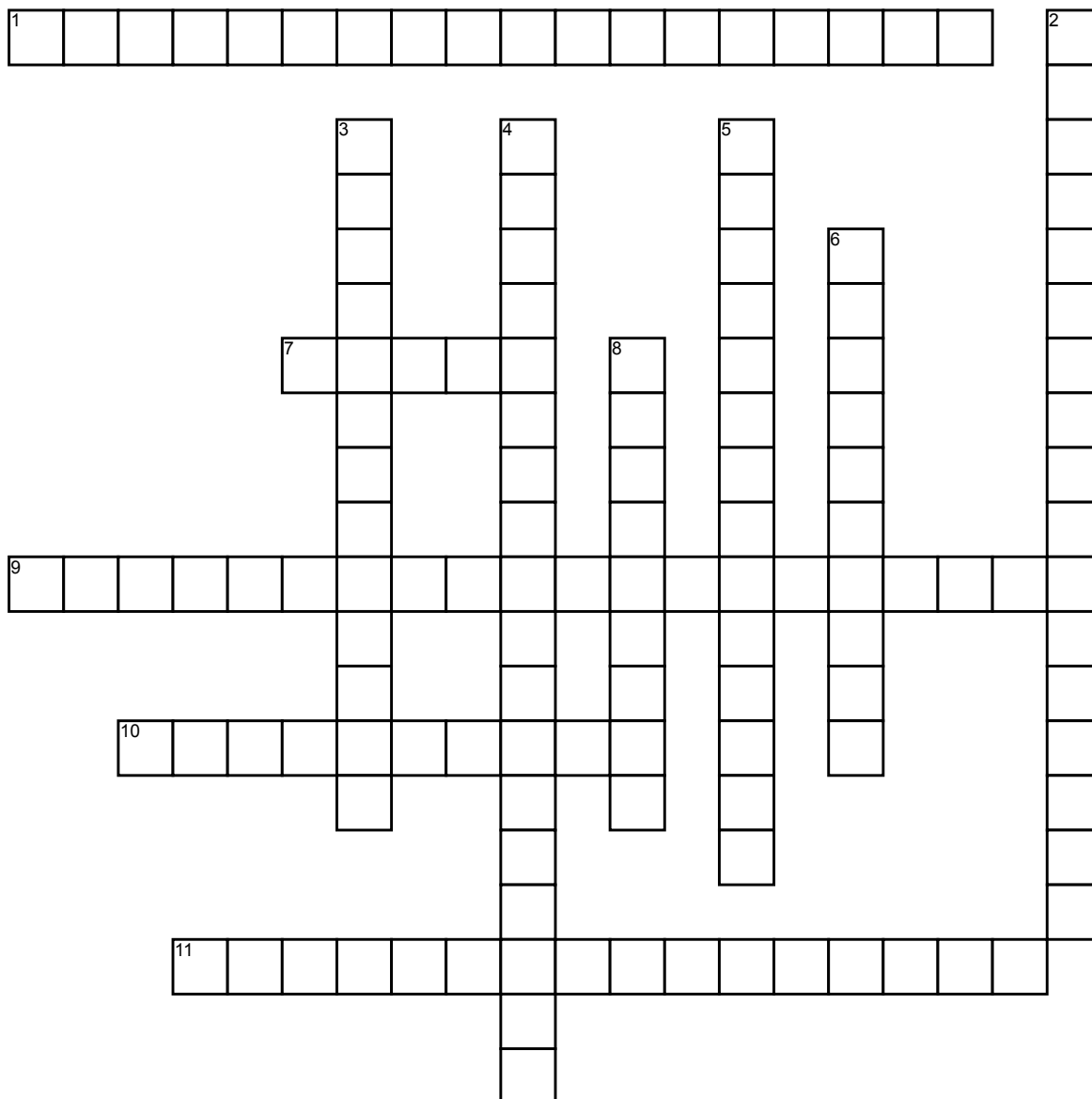
Across

1. two lines in the same plane that intersect to form a right angle

7. the slope, m, is the ratio of rise/run

9. the function f(x) = x, which is the most basic function in the family of linear functions

10. the x-coordinate of a point where a graph crosses the x-axis

11. a way to name a function using the symbol f(x) instead of y

Down

2. a group of afunctions with similar characteristics

3. two lines in the same plane that do not intersect

4. a linear equation written in the form y = mx + b, where m is the slope and b is the y-intercept of the equation's graph

5. an equation whose graph is a line

6. the y-coordinate of a point where a graph crosses the y-axis

8. the four regions into which the coordinate plane is divided by the x-axis and y-axis.