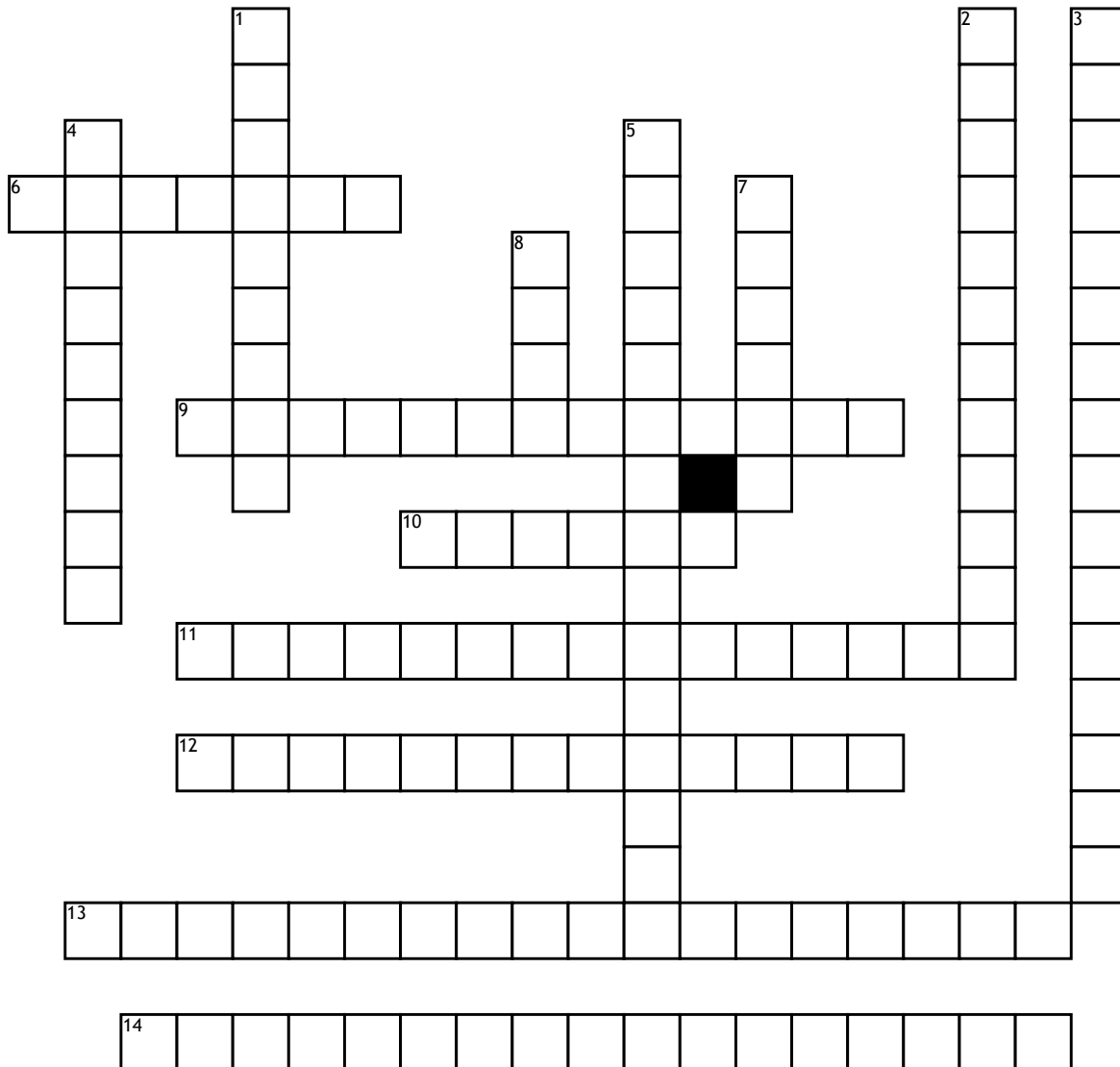# Unit 8 Vocabulary

Across

6. in a right triangle, the ratio of the length of the leg opposite the angle to the length of the adjacent to the angle

9. The form of a vector that lists the vertical and horizontal change from the initial point to the terminal point

10. In a right triangle, the ratio of the length of the leg adjacent to the angle to the length of the hyptenuse

11. Vectors with the same or opposite direction

12. For positivenumbers a and b, the positive number x such that a/x = x/b

13. a ratio of two sides of a right triangle

14. The angle formed by a horizontal line and a line of sight to a point below

Down

1. length between two points of a straight line segment

2. Two vectors that have the same magnitude and the same direction

3. The angle formed by a horizontal line and a line of sight to a point above

4. the length of a vector written ab or v

5. The vector that represents the sum of two given vectors

7. a quantity that has both magnitude and directions

8. In a right triangle, the ratio of the length of the leg opposite the angle to the length of the hypotenuse