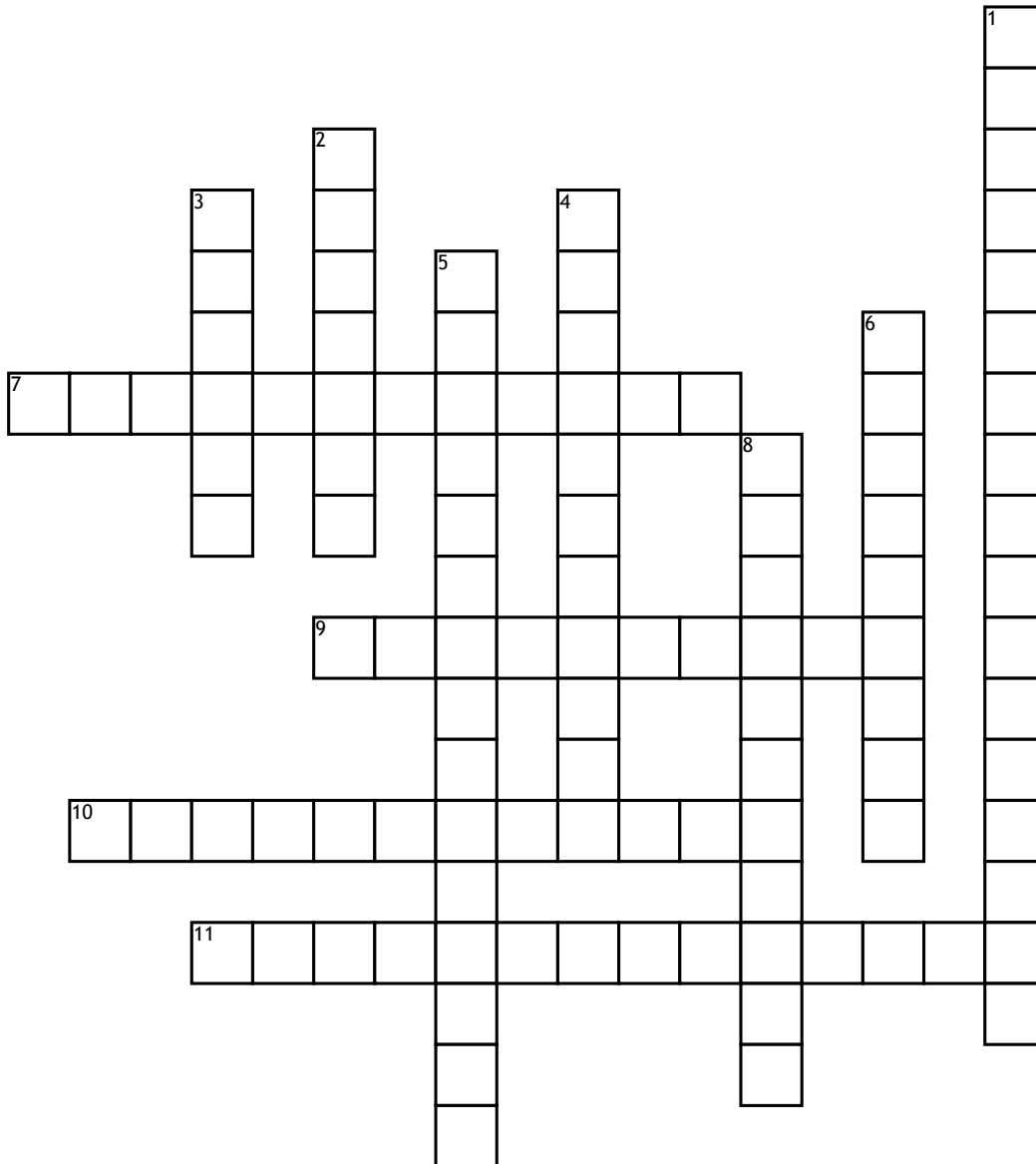


Vector Vocabulary (7.4 & 7.5)



Across

7. The first point of a vector, represented by the first letter of the name of the vector

9. Also known as the inner product, used to determine the angle between two vectors.

10. Two vectors that have the same magnitude and direction

11. A vector with initial point at the origin in the coordinate plane

Down

1. Two vectors that are perpendicular and have a dot product of zero

2. Quantities that involve magnitudes that can be represented by real numbers

3. A directed line segment

4. The opposite vector of the resultant vector

5. Two vectors that have the same magnitude but opposite directions

6. The length of the vector

8. A plane's speed relative to the ground (actual direction of the plane). Also known as the resultant of the air and wind speed vectors.