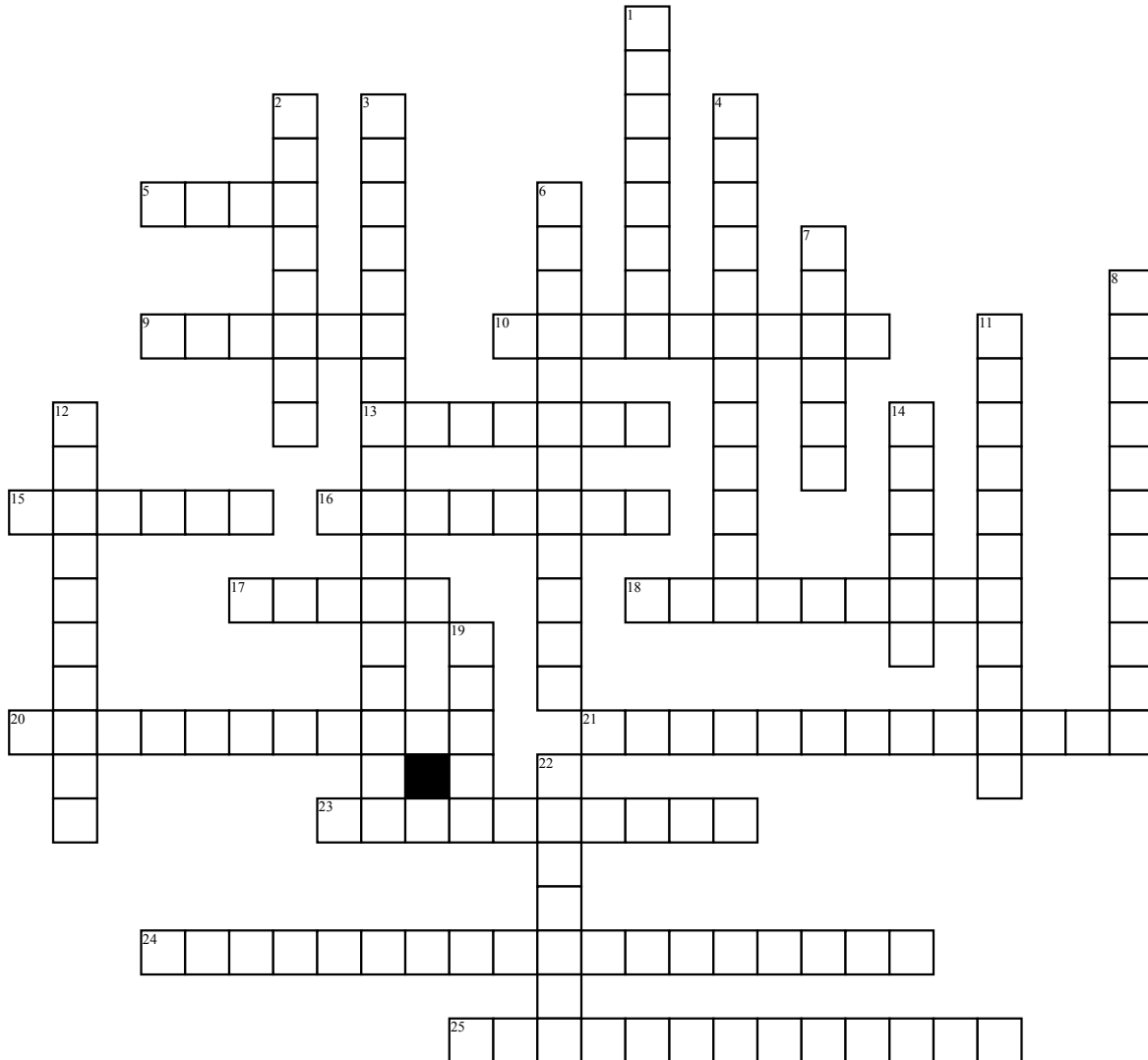


Pre-Cal Vocabulary



Across

- 5. opposite side/hypotenuse
- 9. adjacent/hypotenuse
- 10. length of a vector
- 13. opposite side/adjacent side
- 15. A rectangular array of numbers generally represented by capital letters.
- 16. hypotenuse/opposite side
- 17. The set of all points in the coordinate plane corresponding to the ordered pairs
- 18. A line in the plane that is used to help describe the behavior of the graph of a function or a conic section
- 20. : A transformation in which a graph or geometric figure is moved to another location without any change in size or orientation.
- 21. has an angle that equals 90 degrees

- 23. When the plane passes through the apex of the cone, one of three possible degenerate cases will occur (a straight line, a point, or a pair of intersecting lines).
- 24. A system of linear equations with no solution

- 25. A point at which the graph of a relation or function is not connected

Down

- 1. relation (set of ordered pairs) in which, for each value of the first component of the ordered pairs, there is exactly one value of the second component
- 2. An equation involving variables that is true for all elements in its domain. Compare to conditional equation.
- 3. cotangent
- 4. A nonnegative number that specifies the shape of a conic

- 6. A matrix with equal numbers of rows and columns
- 7. A line segment connecting the center of a circle or sphere with a point on the circle or sphere. The word radius also refers to the length of this segment
- 8. Any line with a positive or negative slope.
- 11. Any line with a positive or negative slope
- 12. The line segment whose endpoints are the vertices of a hyperbola.
- 14. directed line segment that has magnitude and direction
- 19. The set of y-values of a function or relation
- 22. A unit of angle measure equal to 1/360 of a complete revolution