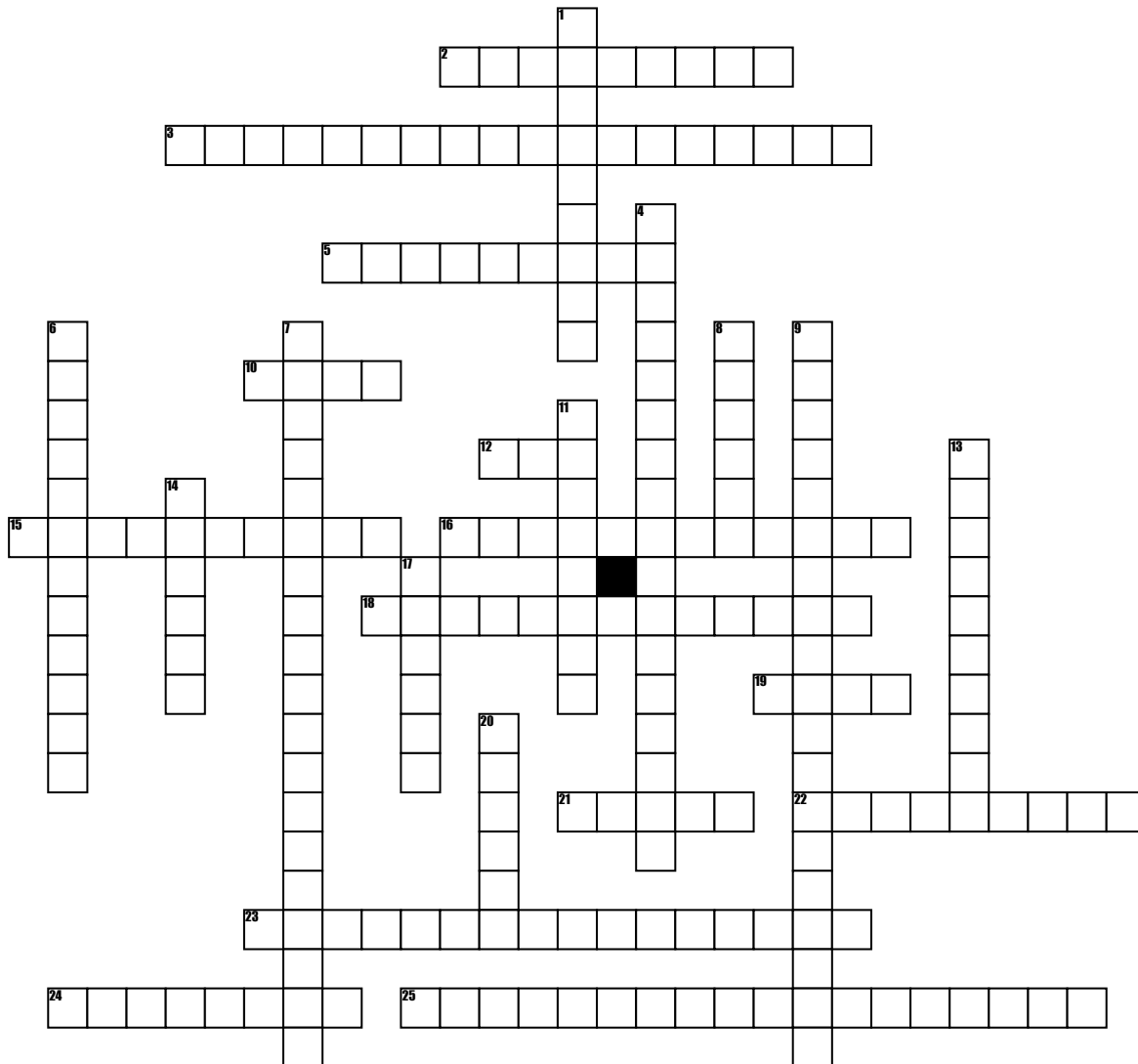


Pre-Calculus Vocabulary



Across

2. Cosine of theta divided by sin of theta
 3. a squared plus b squared equals c squared
 5. What does the number 2 represent in this equation: $y=2\cos 3x$
 10. What is an x-intercept or zero?
 12. ___ radian(s) equals 57.3 degrees
 15. Flipping a shape over an axis or a line
 16. Helps find the sides and angles of an triangle with a provided SAS or SSS
 18. An angle which goes in the clockwise direction on the unit circle
 19. The total force needed to move an object a certain distance
 21. An ordered pair inside of a parabola which is p units away from the vertex

22. Magnitude of a True Velocity Vector

23. What is an angle with the initial side on the positive x-axis?
 24. A rule that assigns each element in a set to exactly one element in another set
 25. The x and y coordinates of points on the curve are given separately as functions of an additional variable

Down

1. The length of a vector
 4. A sequence that increases or decreases due to the fact that it is multiplied by a common number
 6. When all forces acting on an object are taken into account
 7. What is the inverse of an exponential function?

8. Half of the diameter of a circle

9. A list of all possible rational roots of a polynomial function found using the equation p/q
 11. Modeled by a vector whose direction is the direction of the motion and whose magnitude is the speed
 13. Used with oblique triangles when the triangle has a provided AAS, ASA, or SSA to find other angles and sides
 14. The highest exponent of a polynomial. Tells the number of roots a function will have
 17. The lowest or highest point of a parabola
 20. Line segment with an assigned direction