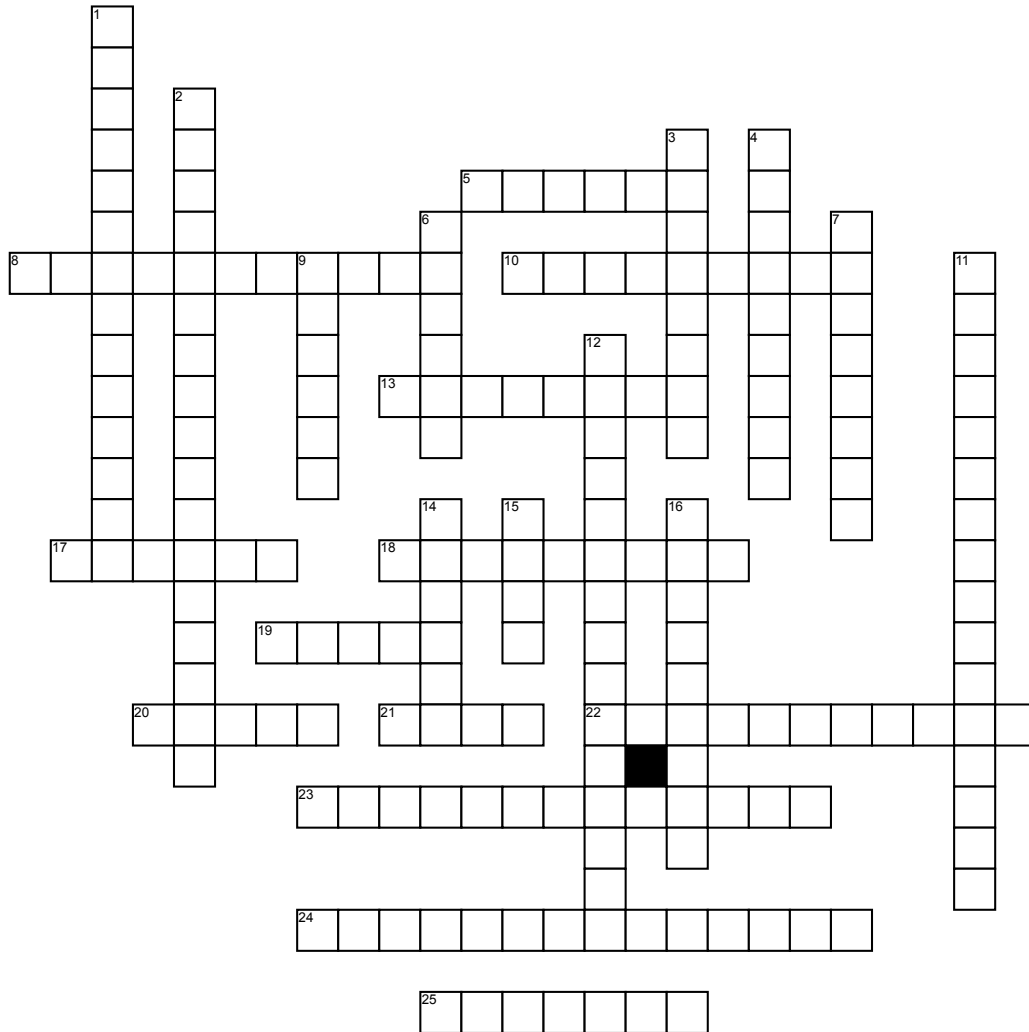


My Crossword puzzle



Across

5. All generators of a cone pass through the intersection of the two parts.
 8. An important theorem that involves binomial coefficient
 10. Set of all coplanar points such that the difference of its distances from two fixed points is constant
 13. Succession of numbers in a specific order
 17. The fixed point
 18. Ellipses shorter axis
 19. Set of points whose distances from a fixed point are in constant ratio to their distances from a fixed line that is not passing through the fixed point

20. The fixed point of the parabola
 21. Each number in a sequence
 22. The chord that passes through the focus and perpendicular to the axis of symmetry
 23. Interesting subject among ancient Greek Mathematicians.
 24. The line perpendicular to the directrix and passing through the focus(F)
 25. Set of all coplanar points such that the sum of its distances from two fixed points is constant.

Down

1. Sequence with a definite number of terms
 2. A greek alphabet equivalent to S

3. Referred to as the first and last terms of a sequence
 4. Ellipses longer axis
 6. The intersection of the two axes in ellipse
 7. Set of all coplanar points that are equidistant from a fixed line and a fixed point not on the fixed line.
 9. Constant distance from the center
 11. Sequence with no definite number of terms
 12. Also called rotational velocity
 14. Set of all coplanar points such that the distance from a fixed point is constant.
 15. The fixed point of the ellipse
 16. The fixed line of a parabola

Word Bank

Infinite sequence	Major axis	Conic Sections	Extremes	Center
Sequence	Axis of symmetry	Foci	Ellipse	Minor axis
Latus rectum	Summation notation	Finite sequence	Parabola	Angular velocity
Pascal's rule	Vertex	Radius	Term	Circle
Center	Conic	Focus	Directrix	Hyperbola