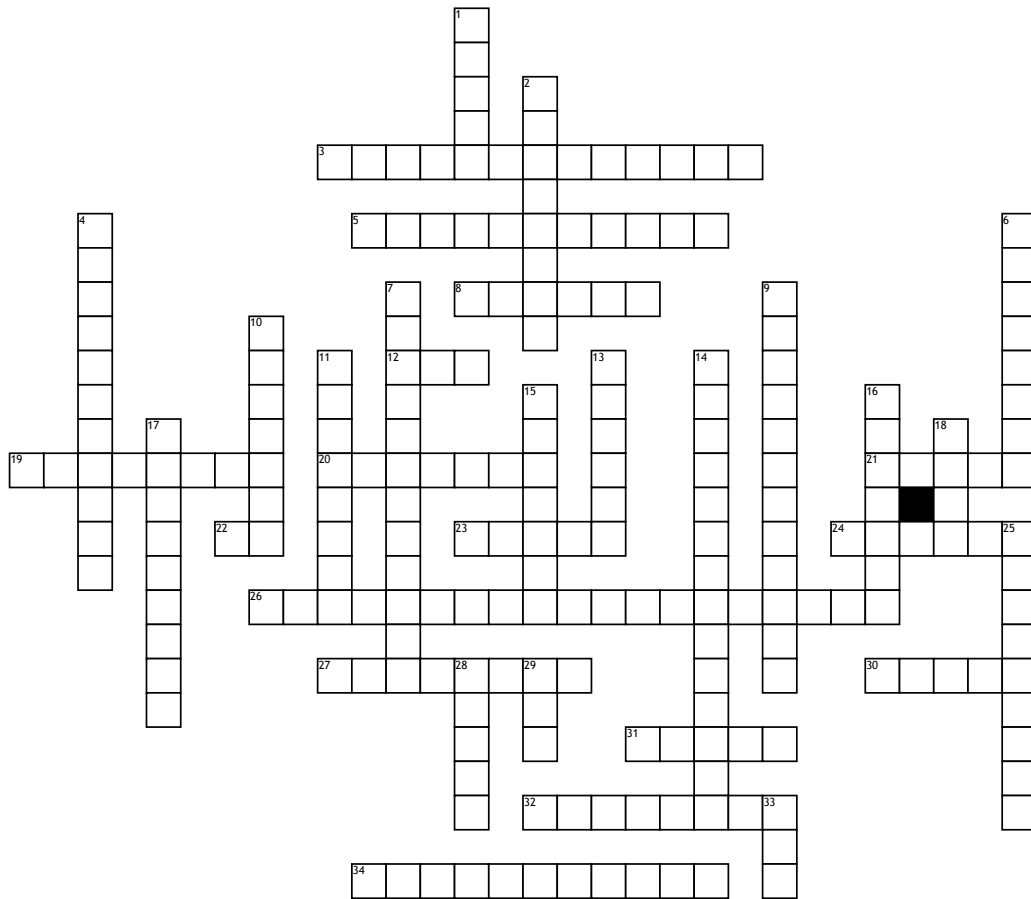


Fundamental Elements of Geometry Vocabulary Crossword Puzzle



Across

- 3. \perp (Symbol)
- 5. \Leftrightarrow (Symbol)
- 8. No diagonal contains points in the exterior of the polygon; if any of the lines containing each side is drawn & doesn't contain any point in the interior of the polygon
- 12. \rightarrow or $-$
- 19. Segment that connects 2 nonconsecutive (nonadjacent) vertices of a polygon
- 20. Two-dimensional closed figure made up of straight line segments connected end-to-end. The segments may not intersect (cross) at any other points
- 21. Has no size, It is named using a capital letter. Ex: The line has A.
- 22. \vee (Symbol)
- 23. A surface that extends forever in all directions; named by 3 noncollinear points or by a capital letter in the corner
- 24. To divide into 2 congruent parts
- 26. Point that's between two points if and only if all 3 points are collinear
- 27. Any angle that measures 360°

- 30. Any angle with measures between, but not including, (0° and 90°)
 - 31. Any angle that measures that measures 90°
 - 32. Points or lines that lie in the same plane
 - 34. 2 endpoints; has a limited length
- Down**
- 1. \therefore (Symbol)
 - 2. Collinear point that divides a line segment into 2 congruent parts
 - 4. Points or lines that do not lie in the same plane
 - 6. Angle that has a measure of 180° and are formed when the sides of the angle form a straight line
 - 7. Points that do not lie on the same line
 - 9. \cap (_____) is the place or point where two or more things meet or cross each other (share something in common)
 - 10. \sim (Symbol)
 - 11. A point at the end of a segment or ray
 - 13. Any angle with measures between, but not including 90° and 180°

- 14. A convex polygon in which all sides and all angles are congruent
- 15. Any part of a diagonal contains points in the exterior of the polygon; if any of the line containing each side is drawn and contains any part in the interior of the polygon
- 16. \Rightarrow (Symbol)
- 17. Points that lie on the same line
- 18. 0 endpoints; extends forever in two directions
- 25. \therefore (Symbol)
- 28. \cup (_____) is the action of joining two or more things (merging, combining)
- 29. \wedge (Symbol)
- 33. 1 endpoint; extends forever in one direction, named and starts with its endpoint

Word Bank

Intersection	Line segment	If and only if	And	Line
Convex	Betweenness of Points	Union	Acute	Noncollinear
Plane	Since	Ray	Or	Perpendicular
Straight	Therefore	Endpoint	Right	Midpoint
Regular Polygon	Bisect	Coplanar	Not	Collinear
point	Circular	Noncoplanar	Obtuse	Similar
Diagonal	Implies	Concave	Polygon	