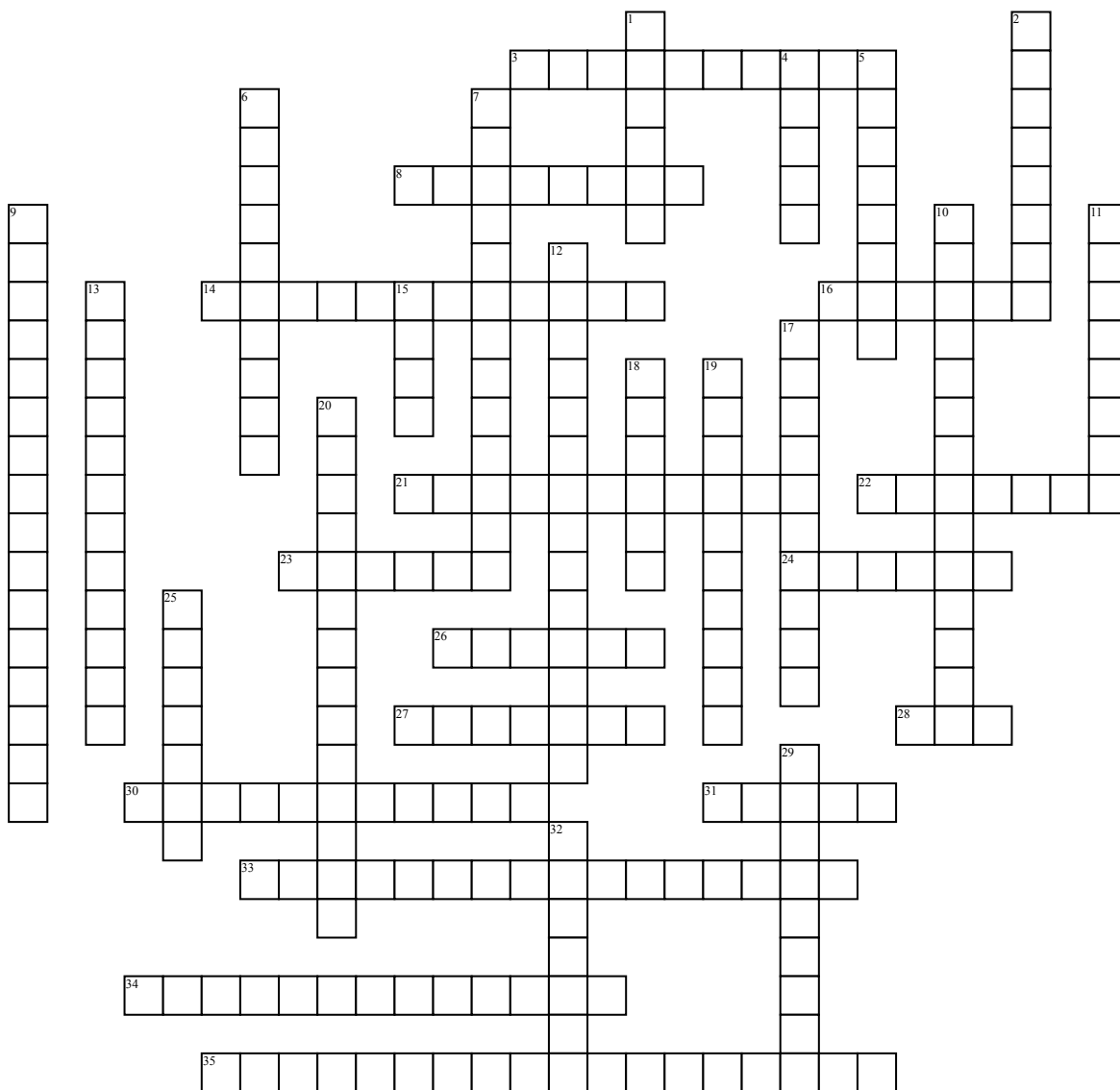


# Geometry Vocabulary



## Across

3. an arc equal to half of a circle.  
 8. a "u" shaped curve on a coordinate plane.  
 14. a figure formed by the intersection of a plane and a right circular cone.  
 16. the point inside a circle that is the same distance from all the point on the circle.  
 21. the ratio of the corresponding sides in two figures.  
 22. a plane figure with at least three straight sides and angles, and typically five or more.  
 23. adjacent over hypotenuse.  
 24. half of the diameter.  
 26. highest or lowest point on a parabola.  
 27. a possible result of an experiment.  
 28. part of the circumference.  
 30. outcome does not rely on other factors.  
 31. variable for degree measurement.

33. any number that cannot be expressed as a ratio.

34. lines that always stay the same distance and never touch.

35. ratios of two sides of a right triangle and a related angle.

## Down

1. a shape with all endpoints the same distance from the center.

2. straight line segment that passes through the center of a circle.

4. a line segment that joins two points on a curve.

5. a set with no elements.

6. an expression consisting more than 2 algebraic terms.

7. any number that has an integer square root.

9. have congruent angles and corresponding sides.

10. any number that can be expressed as a fraction.

11. a transformation that changes the size of a figure.

12.  $(x - h)^2 + (y - k)^2 = r^2$ .

13.  $y = ax^2 + bx + c$

15. opposite over hypotenuse.

17. any number multiplied by itself to produce the given number.

18. a line that intersects a circle twice.

19.  $y = a(x-h)^2 + k$

20. line that runs up and down the center of the parabola.

25. each object in a set.

29. outcome relies on other factors.

32. opposite over adjacent.