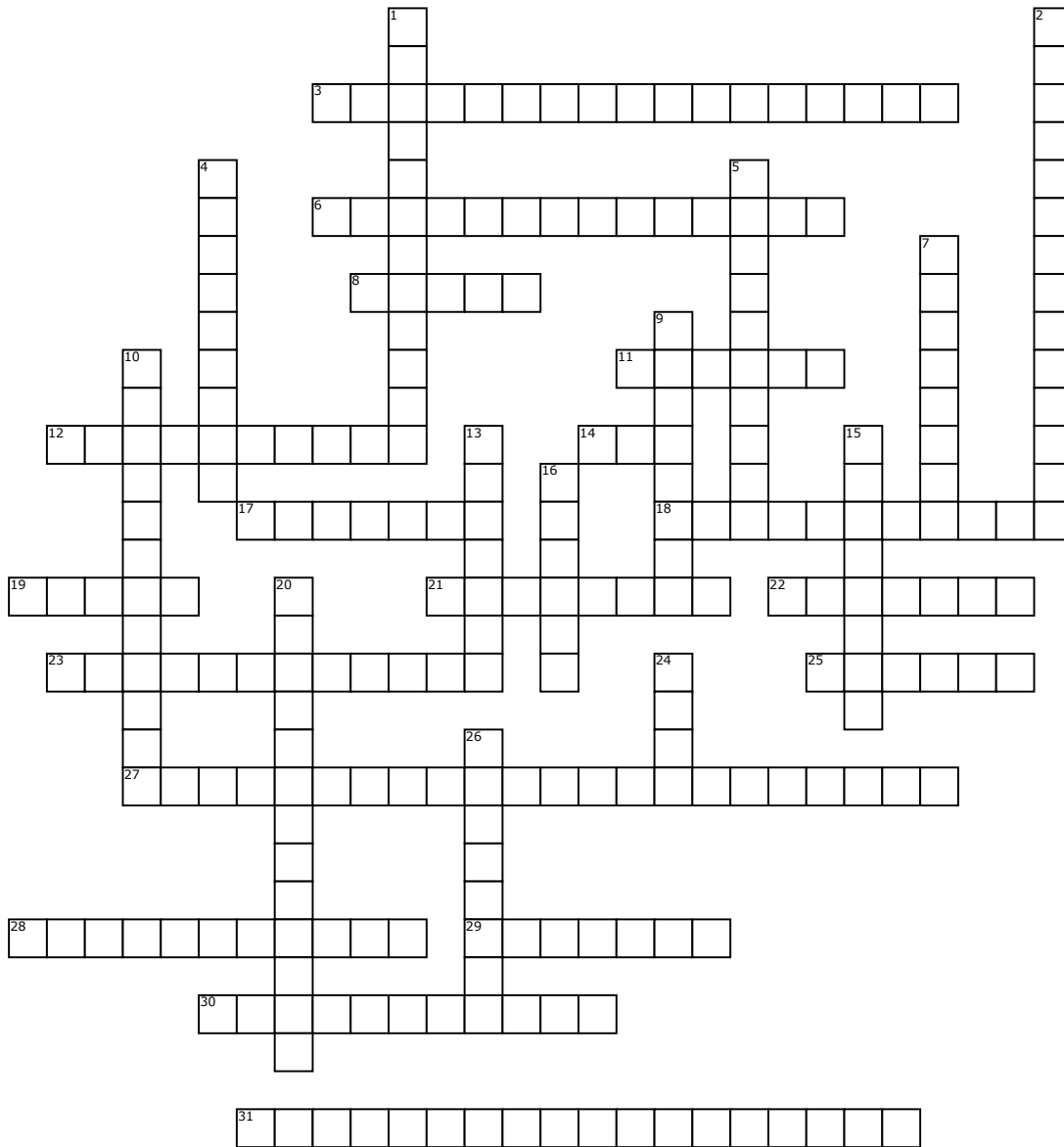


Geometry Vocabulary



Across

- 3. Angles of a polygon that share a side.
- 6. A _____ of a geometric figure is a change in its position, shape, or size.
- 8. A comparison of two quantities.
- 11. The _____ of a trapezoid is the perpendicular distance between the bases.
- 12. The side opposite the right angle in a right triangle.
- 14. A two-dimensional pattern that you can fold to form a three-dimensional figure.
- 17. The perpendicular distance from the center to the side.
- 18. The lines containing the altitudes of a triangle are concurrent at the _____ of a triangle.
- 19. Corresponding parts of congruent triangles are congruent.

- 21. Perpendicular segment from a vertex to the line containing the opposite side in a triangle.
- 22. A _____ to a circle is a line in the plane of the circle that intersects the circle at exactly one point.
- 23. The point of concurrency of the perpendicular bisectors of a triangle.
- 25. A line that intersects a circle at two points.
- 27. $(x - h)^2 + (y - k)^2 = r^2$
- 28. If then statement.
- 29. _____ = opp/adj
- 30. A line that intersects two coplanar lines at two distinct points.
- 31. $y = mx + b$

Down

- 1. An angle whose vertex is the center of a circle.
- 2. $y - y_1 = m(x - x_1)$
- 4. An accepted statement of fact.

- 5. The _____ of a trapezoid is the segment that joins the midpoints of the nonparallel opposite sides.
- 7. A transformation whose preimage and image are similar.
- 9. The point of concurrency of the medians of a triangle.
- 10. Two collinear rays with the same endpoint and form a line.
- 13. Two polygons are _____ if (1) corresponding angles are congruent and (2) corresponding sides are proportional.
- 15. The point of concurrency of the angle bisectors of a triangle.
- 16. _____ = adj/hyp
- 20. When a conditional and its converse are true, you can combine them as a true _____.
- 24. _____ = opp/hyp
- 26. A segment passing through the center with endpoints on the sphere.