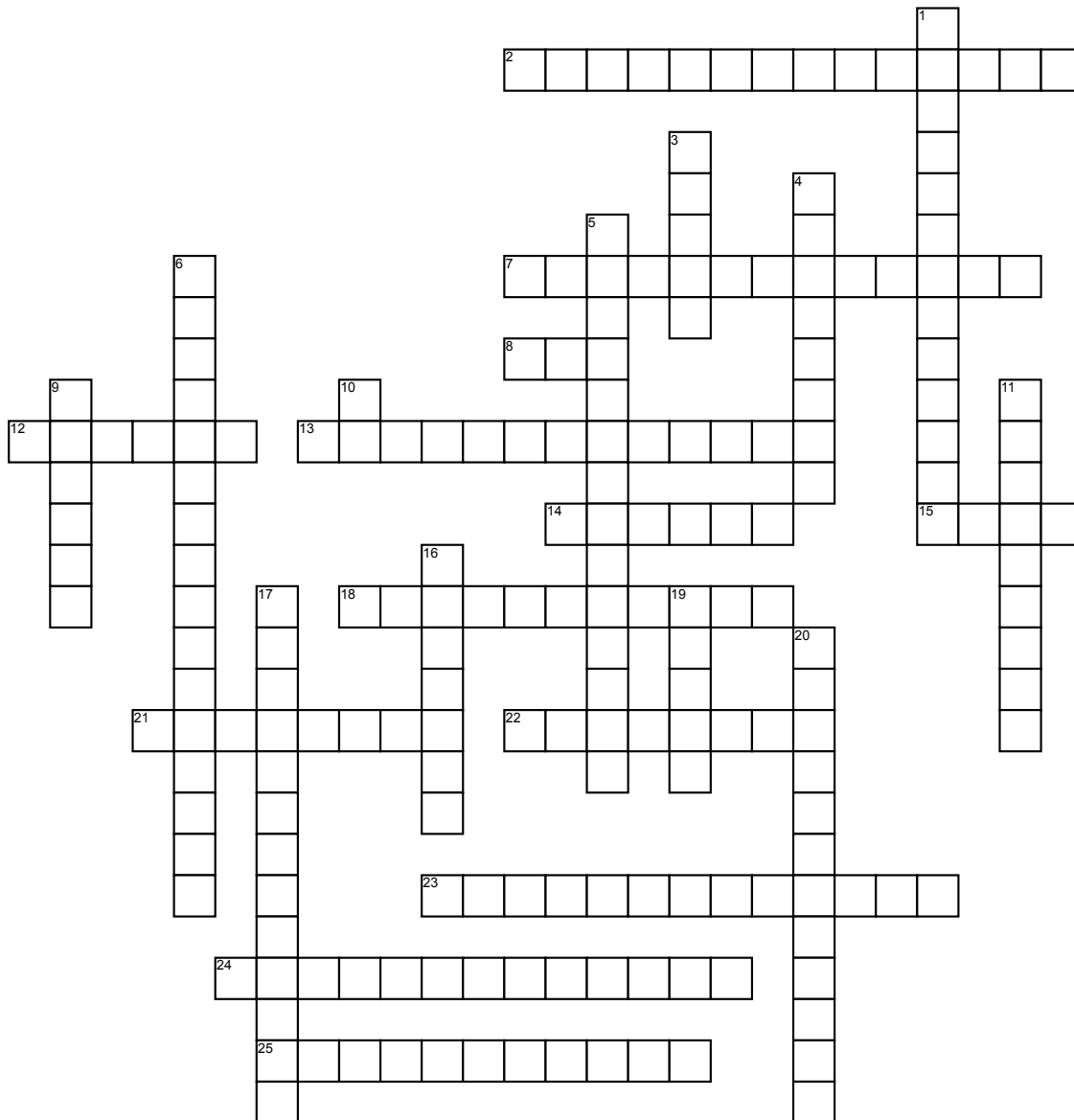


IM3 Crossword Puzzle



Across

2. Have the same shape but different size
 7. An angle whose vertex is at the center and whose sides are the radii of the circle
 8. Part of a circumference of a circle.
 12. Highest or lowest part of a parabola.
 13. Exactly 90 degrees created by two perpendicular lines
 14. Portion of an area of a circle enclosed by two radii and an arc.
 15. Two sides of a right triangle that create the right angle
 18. Their corresponding sides grow or shrink by the same multiplier
 21. A circular section that is equidistant from a fixed point in a fixed line.

22. A transformation that produces an image that is the same shape as the original but a different size. (similar figures)

23. Distance around the edge of a circle.

24. Triangle with one right angle

25. Equal in distance.

Down

1. A polygon with 4 sides, 4 vertices, and 4 corners.
 3. A line whose endpoints are on the circumference of a circle.
 4. Widest distance of a circle.
 5. Angles whose vertex is on the circle and whose sides are chords.
 6. Fixed point in the plane around which all the points are expanded or contracted

9. A line that intersects the circle at two points.

10. Ratio of the circumference to a diameter

11. When two figures have the same shape and size.

16. An angle of one radian defines a sector whose sides are equal in length to one radius.

17. Lines that never meet because they have the same slope

19. Degrees

20. Intersection of a plane in a cone.