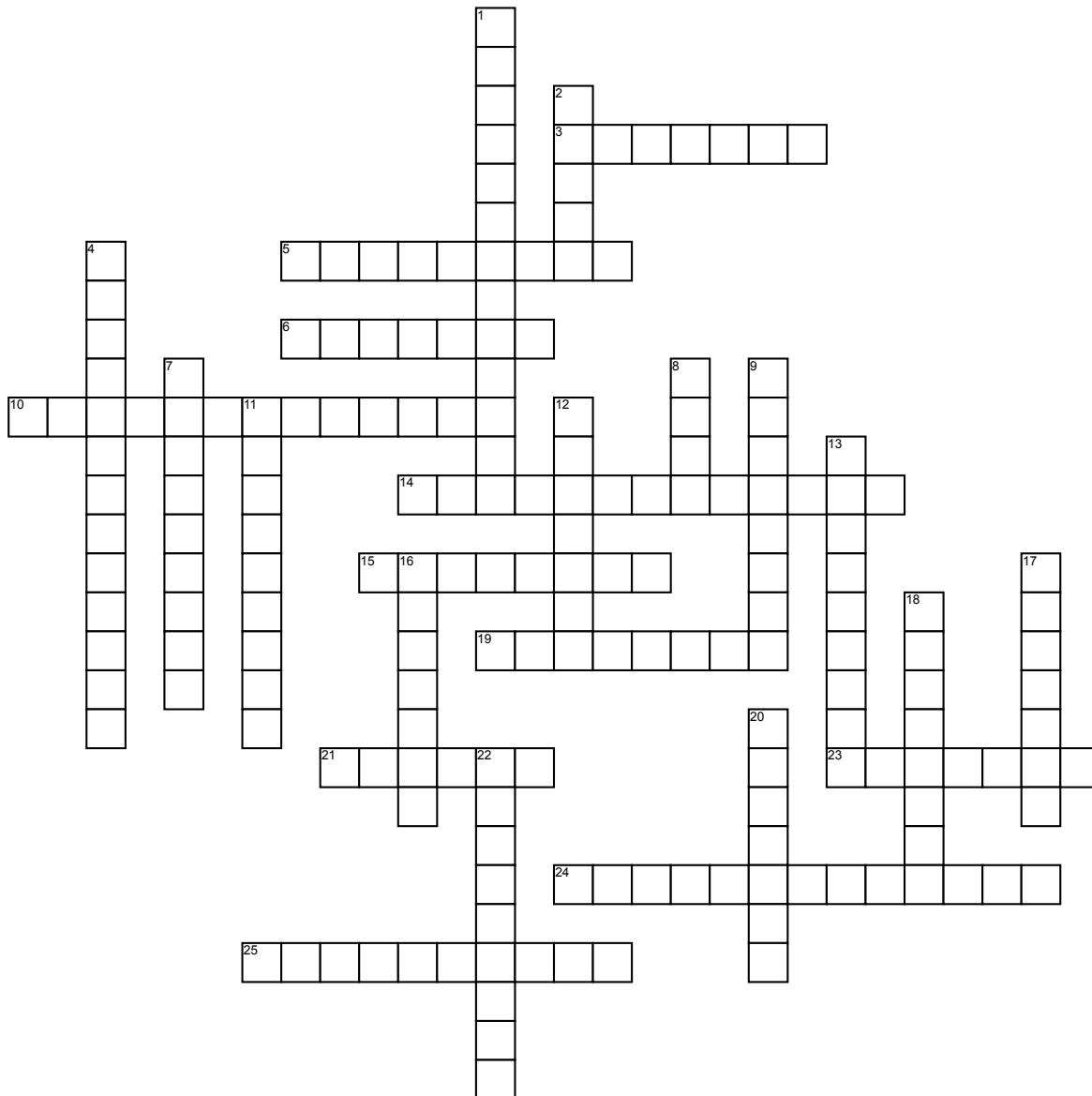


Puzzle of the Language of Geometry



Across

- 3.** a polygon with nine straight sides and nine angles
5. has two sides of equal length
6. a figure with eight straight sides and angles
10. a straight line at an angle of 90 degrees to a given line, plane or surface
14. two angles that their sum add up to be 90 degrees
15. a polygon with three straight sides and three angles
19. a figure with five straight sides and angles
21. a figure with four equal sides and four right angles

- 23.** a polygon with ten straight sides and angles

- 24.** two angles that add up to equal 180 degrees

- 25.** the longest side of a right triangle

Down

- 1.** a quadrilateral with two pairs of parallel sides

- 2.** a figure formed by two rays, sharing a common endpoint

- 4.** a four sided figure with four straight sides

- 7.** the distance around a two dimensional shape

- 8.** a quadrilateral figure having two pairs of equal adjacent sides

- 9.** a seven sided polygon

- 11.** a figure with twelve sides

- 12.** a figure bounded by segments closing in a loop

- 13.** a quadrilateral with only one pair of parallel sides

- 16.** a figure whose four sides all have the same length

- 17.** a figure with six straight sides and angles

- 18.** having a common vertex and a common side

- 20.** a part of a figure cut off by a line or plane intersecting it

- 22.** a quadrilateral with four right angles