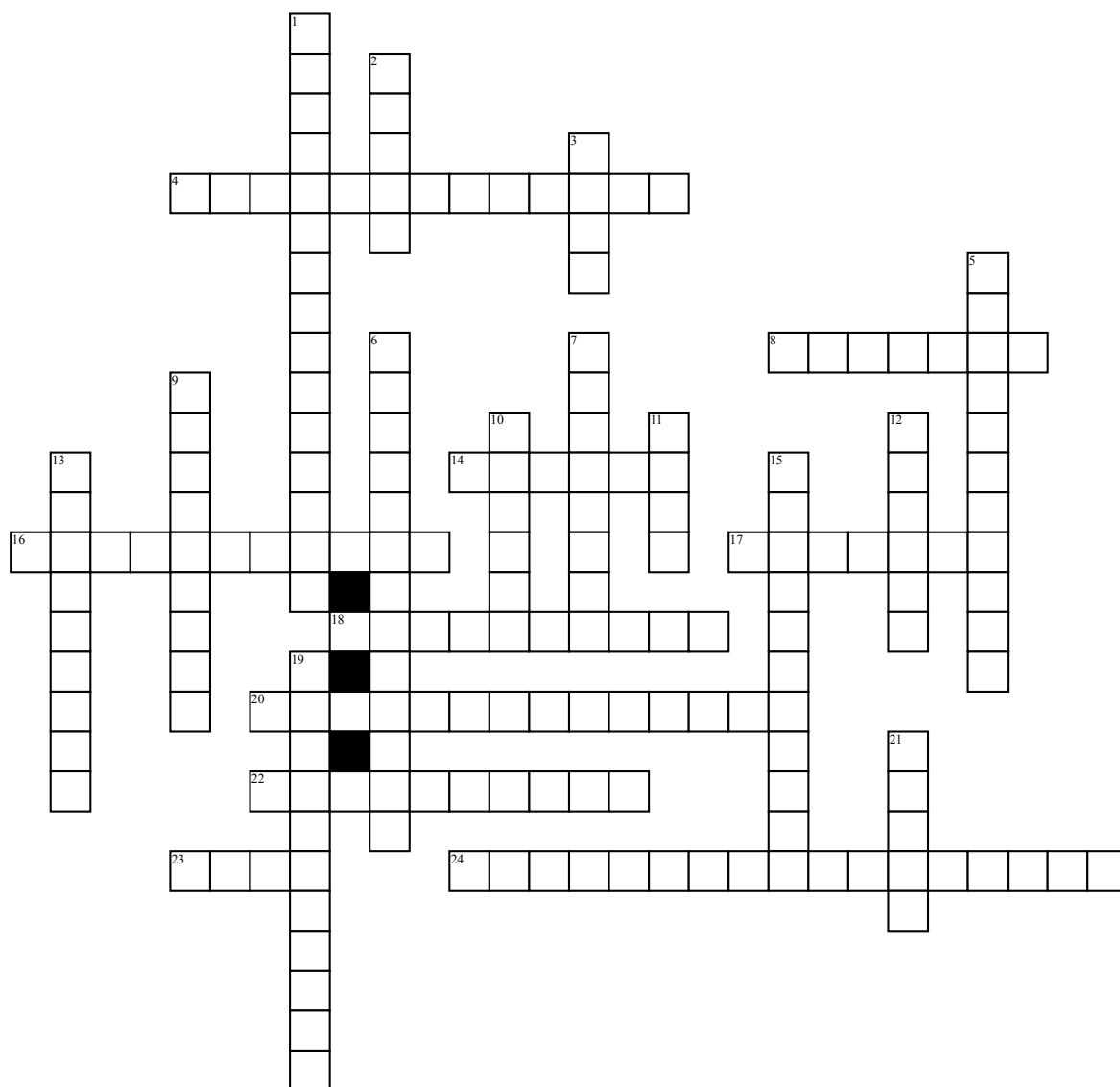


Name: _____

Date: _____

Module 11: Polygons on the Coordinate Plane



Across

4. a polygon with four sides and four angles

8. a six-sided polygon

14. on an angle or polygon, the point where two sides intersect

16. the first number in an ordered pair; it represents the distance to move right or left from the origin

17. a closed plane figure formed by three or more line segments that intersect only at their endpoints

18. an angle that measures 90 degrees

20. a change in the size or position of a figure

22. a transformation of a figure that flips the figure across a line

23. a face of a three-dimensional figure by which the figure is measured or classified

24. a triangle with at least two congruent sides

Down

1. a plane formed by the intersection of a horizontal number line called the x-axis and a vertical number line called the y-axis

2. the horizontal axis on a coordinate plane

3. the number of square units needed to cover a given surface

5. the second number in an ordered pair; it represents the distance to move up or down from the origin

6. a triangle containing a right angle

7. a five-sided polygon

9. the x- and y-axes divide the coordinate plane into four regions; each region is called a quadrant

10. a triangle or trapezoid, the perpendicular distance from the base to the opposite vertex or side. In a prism, the perpendicular distance between the bases

11. The two perpendicular lines of a coordinate plane that intersect at the origin

12. the point where the x-axis and y-axis intersect on the coordinate plane; (0,0)

13. a parallelogram with four right angles

15. the numbers of an ordered pair that locate a point on a coordinate graph

19. a pair of number that can be used to locate a point on a coordinate plane

21. the vertical axis on a coordinate plane