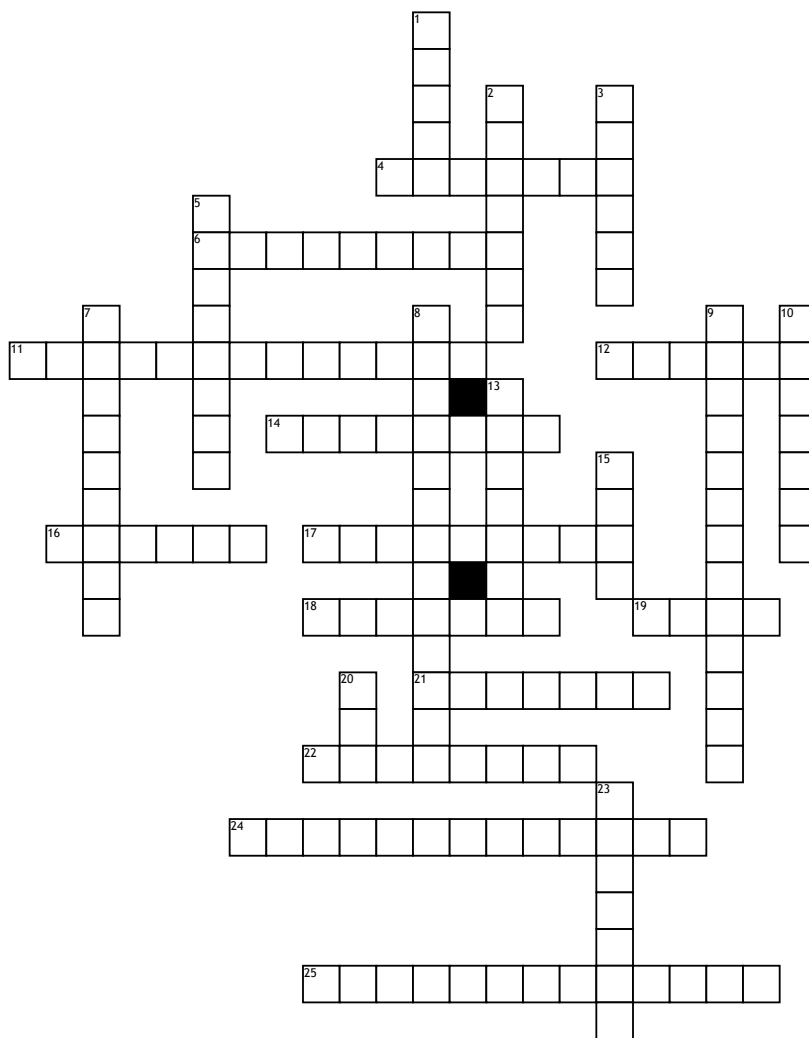


Name: _____ Date: _____ Period: _____

Geometry Crossword Project



Across

4. 10 sided figure

6. a plane figure with four straight sides and four right angles, especially one with unequal adjacent sides, in contrast to a square.

11. at an angle of 90° to a given line, plane, or surface.

12. a plane figure with four equal straight sides and four right angles.

14. a 5 sided figure

16. the trigonometric function that is equal to the ratio of the side adjacent to an acute angle (in a right-angled triangle) to the hypotenuse.

17. A 12 sided figure

18. a general proposition not self-evident but proved by a chain of reasoning; a truth established by means of accepted truths

19. Two disjoint pairs of adjacent sides are equal with one diagonal is the perpendicular bisector of the other diagonal.

21. a parallelogram with opposite equal acute angles, opposite equal obtuse angles, and four equal sides.

22. the quality of being made up of exactly similar parts facing each other or around an axis

24. adds up to 180 degrees.

25. adds up to 90 degrees

Down

1. formed by two rays that begin at the same point or share the same endpoint

2. (of a triangle) having sides unequal in length

3. having an outline or surface curved like the exterior of a circle or sphere

5. a plane figure with three straight sides and three angles

7. a quadrilateral with only one pair of parallel sides.

8. a four-sided plane rectilinear figure with opposite sides parallel.

9. a four-sided figure.

10. a part of a figure cut off by a line or plane intersecting it, in particular.

13. having an outline or surface that curves inward like the interior of a circle or sphere.

15. the trigonometric function that is equal to the ratio of the side opposite a given angle (in a right triangle) to the hypotenuse.

20. A line which starts at a point with given coordinates, and goes off in a particular direction to infinity, possibly through a second point.

23. the trigonometric function that is equal to the ratio of the sides (other than the hypotenuse) opposite and adjacent to an angle in a right triangle.

Word Bank

Ray
Cosine
Concave
Dodecagon
Complementary

Angle
Perpendicular
Trapezoid
Theorem
Kite

Symmetry
Convex
Rhombus
Pentagon
Rectangle

Triangle
Supplementary
Tangine
Decagon
Sqaure

Sine
Quadrilateral
Scalene
Segment
Parallelogram