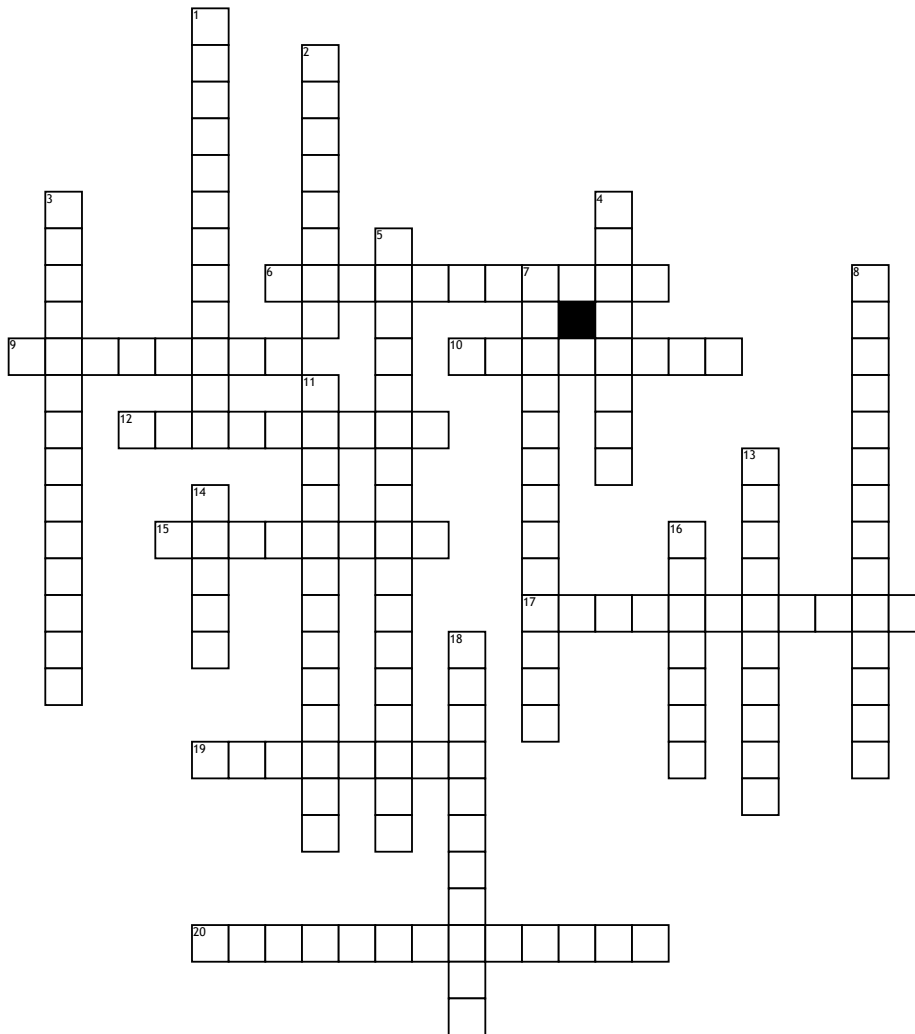


Name: _____

Date: _____

Geometry Crossword Puzzle



Across

6. a number which scales, or multiplies, some quantity
 9. is the middle point of a line segment
 10. when one shape becomes exactly like another if you flip, slide or turn
 12. angles have the exact same measure
 15. are lines in a plane which do not meet; that is, two lines in a plane that do not intersect or touch each other at any
 17. is a line that passes through two lines in the same plane at two distinct points
 19. A transformation in which a plane figure turns around a fixed center
 20. A line meeting another at a right angle, or 90° is said to be perpendicular to

Down

1. To draw a shape, line or angle accurately using a compass and straightedge(ruler)
 2. The distance between two points is the length of a straight line segment that links them
 3. are a pair of non-adjacent angles formed when two lines intersect
 4. a linear transformation which preserves
 5. a pair of angles on the outer side of each of those two lines but on opposite sides of the transversal
 7. add up to 90 degrees (a Right Angle)

8. is a general term for four specific ways to manipulate the shape of a point, a line, or

11. add up to 180 degrees

13. A transformation in which a geometric figure is reflected across a line, creating a mirror

14. is a relationship between two numbers indicating how many times the first number contains the

16. to divide into two equal parts

18. a term used in geometry to describe a function that moves an object a certain

Word Bank

ratio

alternate exterior

transversal

isometry

translation

distance

complementary

transformation

symmetry

bisects

parallel

scale factor

construction

reflection

supplementary

perpendicular

midpoint

vertical angles

congruent

rotation