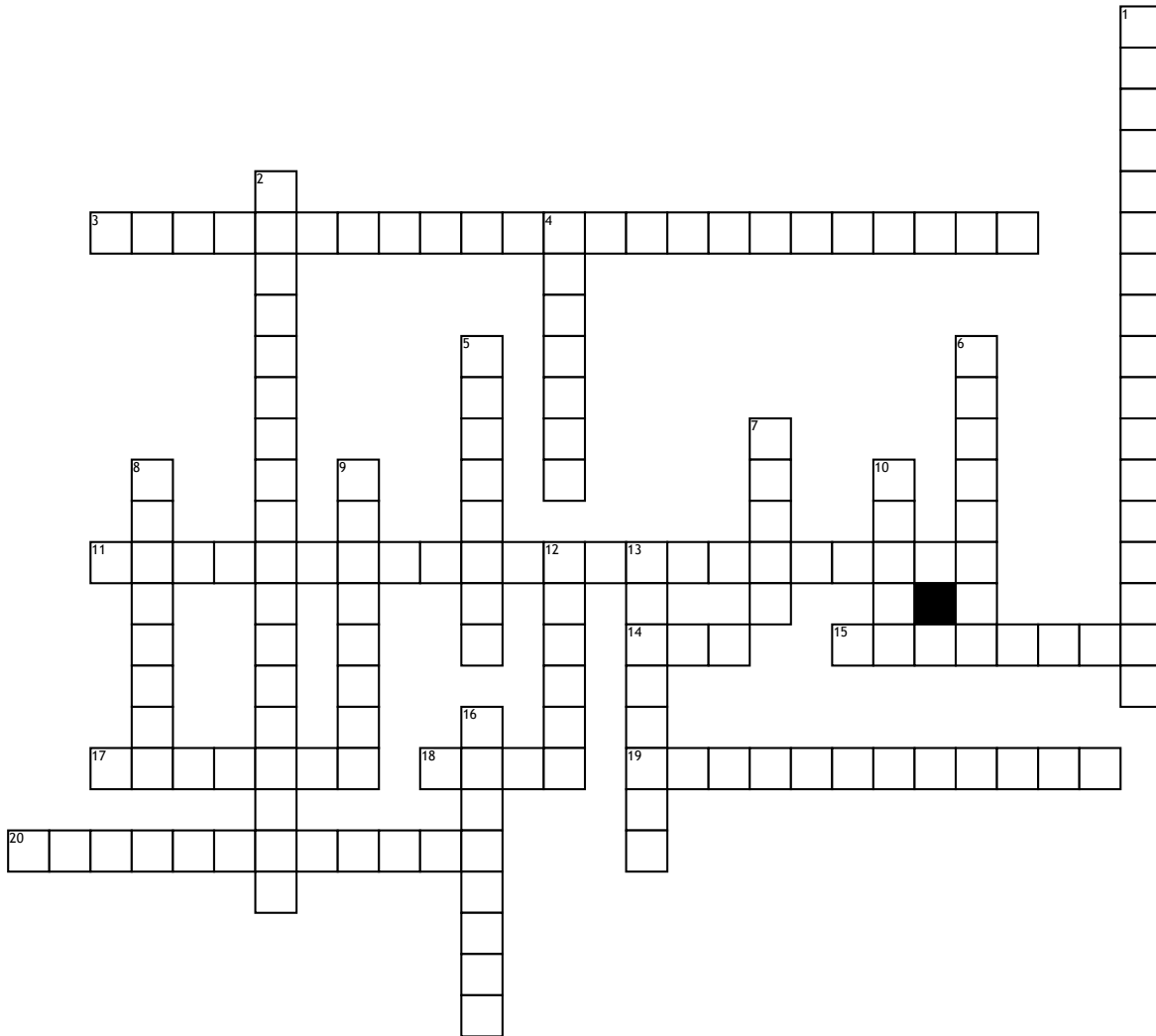Name: _____   Date: _____

geometry crossword puzzle

Across

3. Nonadjacent interior angles that lie on opposite sides of the transversal

11. The measures of smaller angles add up to the measure of the larger angle.

14. is a line with a single endpoint (or point of origin) that extends infinitely in one direction.

15. Two non adjacent angles formed by two intersecting line

17. two end points and all the points in between them

18. the set of all points collinear to two points

19. If an object can have a line drawn down the center and both sides are congruent, then the object has line symmetry.

20. If three sides of a triangle are congruent to three sides of another triangle, then the triangles are congruent (postulate).

Down

1. A triangle with two sides that have the same length.

2. If a = b and b = c, then a = c.

4. A proven mathematical concept that was once a theory.

5. one shape becomes exactly like another when you move it in some way: turn, flip or slide

6. two angles with a common side but no common interior points

7. After proving the triangles to be congruent, this concept states that corresponding parts of those congruent triangles are congruent.

8. Statement that switches the hypothesis and the conclusion.

9. the middle point of the line segment

10. a flat figure with no thickness that extends indefinitely in all directions

12. an angle whose measure is greater than 90 and less than 180

13. coplanar lines that do not intersect or two lines that are always the same distance apart and never touch

16. The line that divides something into two equal parts