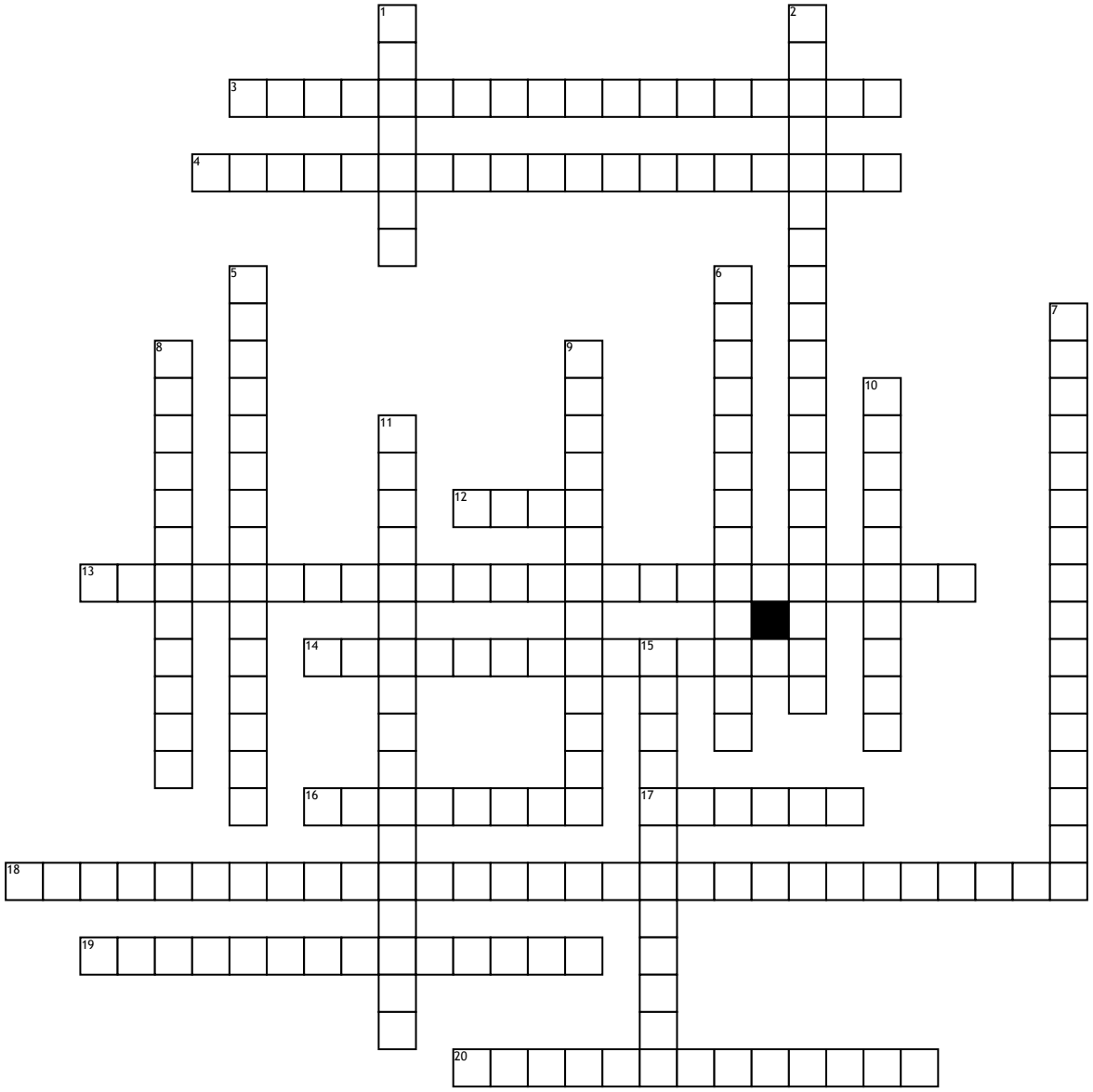
Name: _____ Date: _____

Part 2 of exam(vocab)



Across

3. What states that the three interior angles of triangle add up to 180 degrees ?

4. What method of using proportions to find an unknown length or distance in similar figures?

12. What trigonometric function that is equal to the ratio of the side opposite a given angle to the hypotenuse?

13. What pair of angles on the inner side of each of those two lines but opposite sides of the transversal ?

14. What is the positive acute angle that can represent an angle of any measure called ?

16. What is a transformation that produces an image that is the same shape as the original but is different in size ?

17. What trigonometric function that is equal to the ratio of the side adjacent to an acute angle to the hypotenuse?

18. What states that if the leg and an acute angle of one right triangle are congruent to the corresponding leg ?

19. What figures have the same shape , but may have different sizes?

20. What any two right triangles that have a congruent hypotenuse?

Down

1. What is a Straight line or plane that touches a curved surface at a point, but if extended does not cross it at that point?

2. What angles occupy the same relative position at each intersection where a straight line crosses two other?

5. what states that if two angles and the non-included side one triangle are congruent to two angles and the non-included side of another triangle?

6. Which pairs of opposite angles made by two intersecting lines?

7. Which angle is an incident line or ray which makes with a perpendicular to the surface at the point of incidence?

8. what side is the one across from a given angle, and an "adjacent" side is next to a given angle?

9. What is calculable as the nth root of a product of n number?

10. What is the longest side of a right triangle, opposite the right angle ?

11. Which angle made by a reflection ray with a perpendicular to the reflecting? surface?

15. what has two lines that meet at a polygon vertex ?