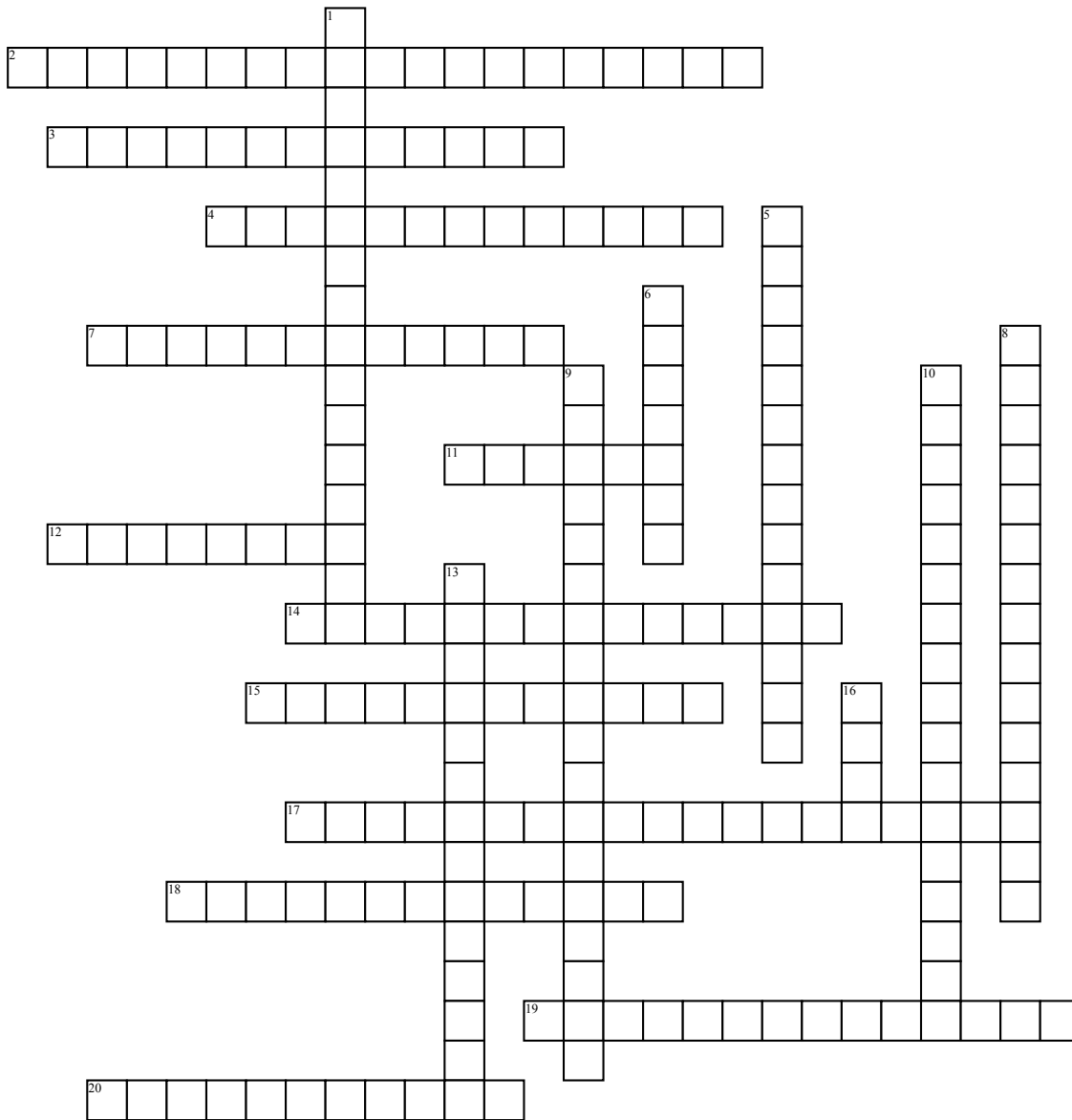


Isaiah's Final Exam



Across

2. When two lines are crossed by another line (which is called the Transversal), the angles in matching corners are called corresponding angles.
3. In two triangles, if two pairs of corresponding angles are congruent, then the triangles are similar.
4. theorem which states that two right triangles are congruent if their hypotenuses are congruent and a corresponding leg is congruent.
7. two lines that meet a polygon vertex
11. the trigonometric function that is equal to the ratio of the side adjacent to an acute angle (in a right-angled triangle)
12. the action of speaking or writing in length
14. The pairs of opposite angles made by two intersecting lines

15. In a right triangle, the hypotenuse is the longest side, an "opposite" side is the one across from a given angle, and an "adjacent" side is next to a given angle.

17. is a method of using proportions to find an unknown length or distance in similar figures.

18. mean is a mean or average, which indicates the central tendency or typical value

19. The reference angle is the positive acute angle that can represent an angle of any measure.

20. the longest side of a right triangle opposite the right angle

Down

1. the angle which and incident line or ray makes with a perpendicular

5. agreement or harmony; compatibility.

6. a completely different line of thought or action.

8. Triangles are similar if two sides in one triangle are in the same proportion to the corresponding sides in the other, and the included angle are equal.

9. The Triangle Sum Theorem states that the three interior angles of any triangle add up to 180 degrees.

10. the angle made by a reflected ray with a perpendicular to the reflecting surface.

13. wo figures that have the same shape are said to be similar. When two figures are similar, the ratios of the lengths of their corresponding sides are equal.

16. the trigonometric function that is equal to the ratio of the side opposite a given angle