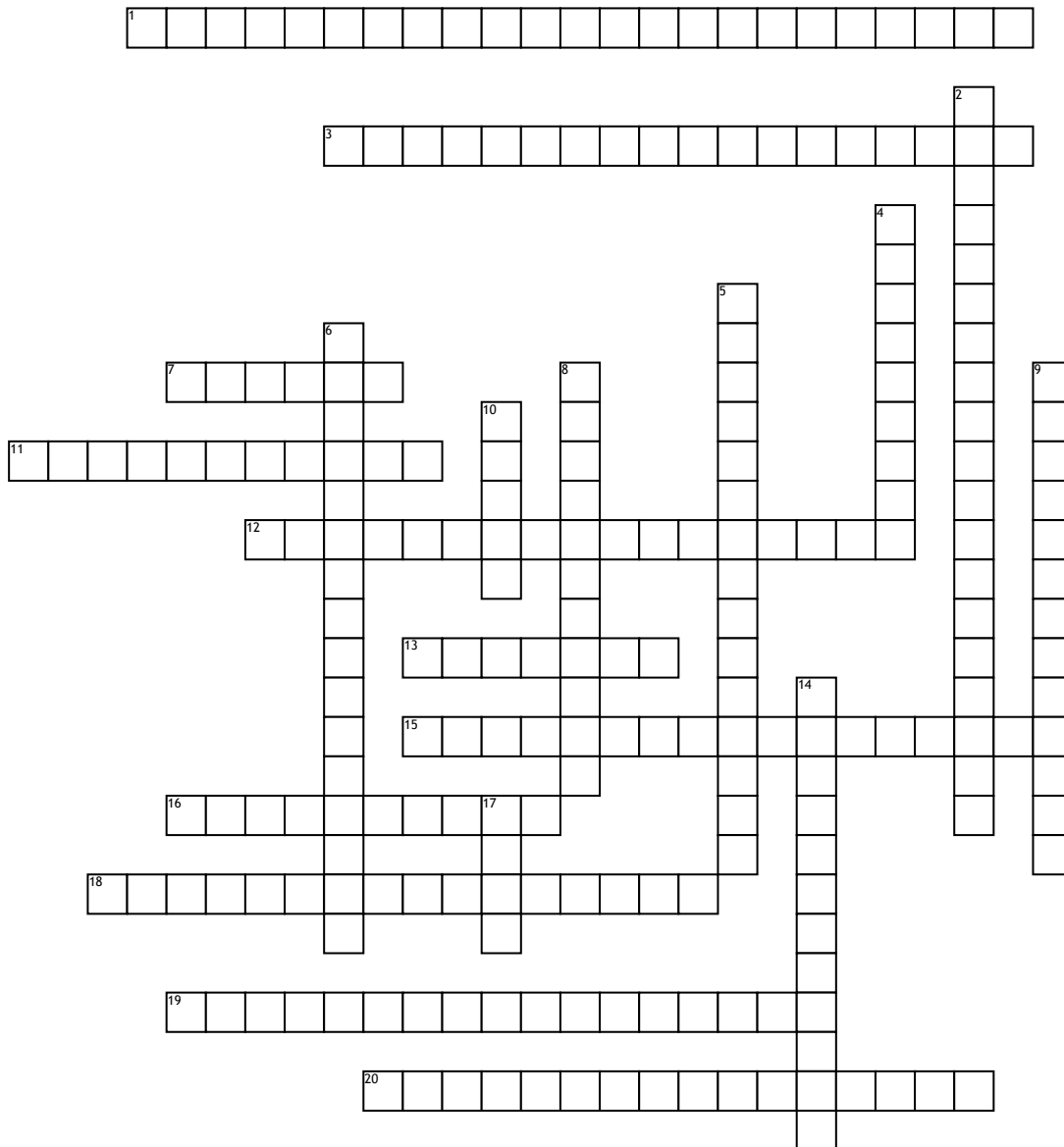# Algebra II Terms (Dulce H.)

Across

1. Angles that lie within a pair of lines and on opposite side of a transversal.

3. after using geometric mean to find an unknown side length, you can use _____ to find the other

7. A trigonometric ratio of adjacent/hypotenuse

11. is adjacent next to the theta angle

12. any triangle with two sides of the same length

13. A trigonometric ratio of opposite/adjacent

15. A downward angle from the horizontal

16. The side opposite the right angle

18. a number that never ends and never repeats

19. a set of three nonzero whole numbers a,b,c such that a2+b2=c2 is called a

20. x = (-b +/- √ b^2 - 4ac) / (2a) which gives the solution to a quadratic equation

Down

2. a reduction of all y-values of a function by a factor between 0 and 1

4. A line which the graph approaches but never reaches an axis

5. a multiplication of all y-values of a function by a factor greater than 1

6. The angle between a horizontal line and the line of sight to an object above the horizontal line

8. across from the theta angle

9. contains a right angle, which measures 90 degrees and two acute angles each less than 90 degrees

10. the union of two rays with common endpoint called vertex

14. The relationship of the sides and angles of a triangle

17. A trigonometric ratio of opposite/hypotenuse