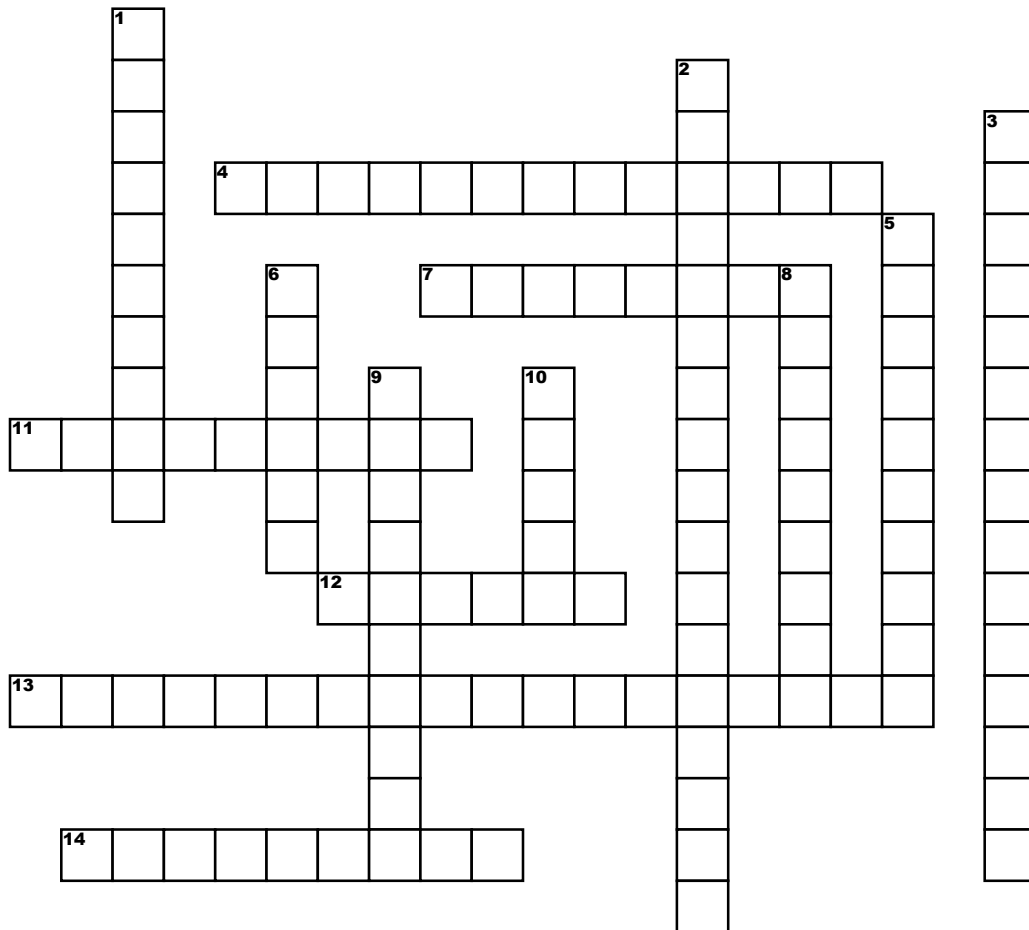# ALL ABOUT ALGEBRA 2 CROSSWORLD

Across

4. a combination of a real and an imaginary number in the form a + bi

7. a curve where any point is at an equal distance from: a fixed point

11. involving the second and no higher power of an unknown quantity or variable.

12. the point at which the parabola intersects the axis of symmetry.

13. are the numbers written in front of the variable with the largest exponent

14. The inverse of an exponent

Down

1. consisting of several terms.

2. it is written: (g ° f)(x)

3. a triangular array of numbers in which those at the ends of the rows are 1 and each of the others is the sum of the nearest two numbers in the row above

5. x coordinate of a point where a graph crosses the x axis/ y coordinate of this point is zero

6. negative infinity, positive infinity

8. a line that a graph approaches as x or y increases in absolute value

9. the y-coordinate of the point where the graph crosses the y-axis

10. the y-coordinates of the set of points on a graph.

Word Bank

x intercept	polynomial	quadratic	logarithm
complex number	y intercept	domain	asymptote
range	vertex	parabola	composite function
pascals triangle	leading coefficient		