adv algebra crossword puzzle
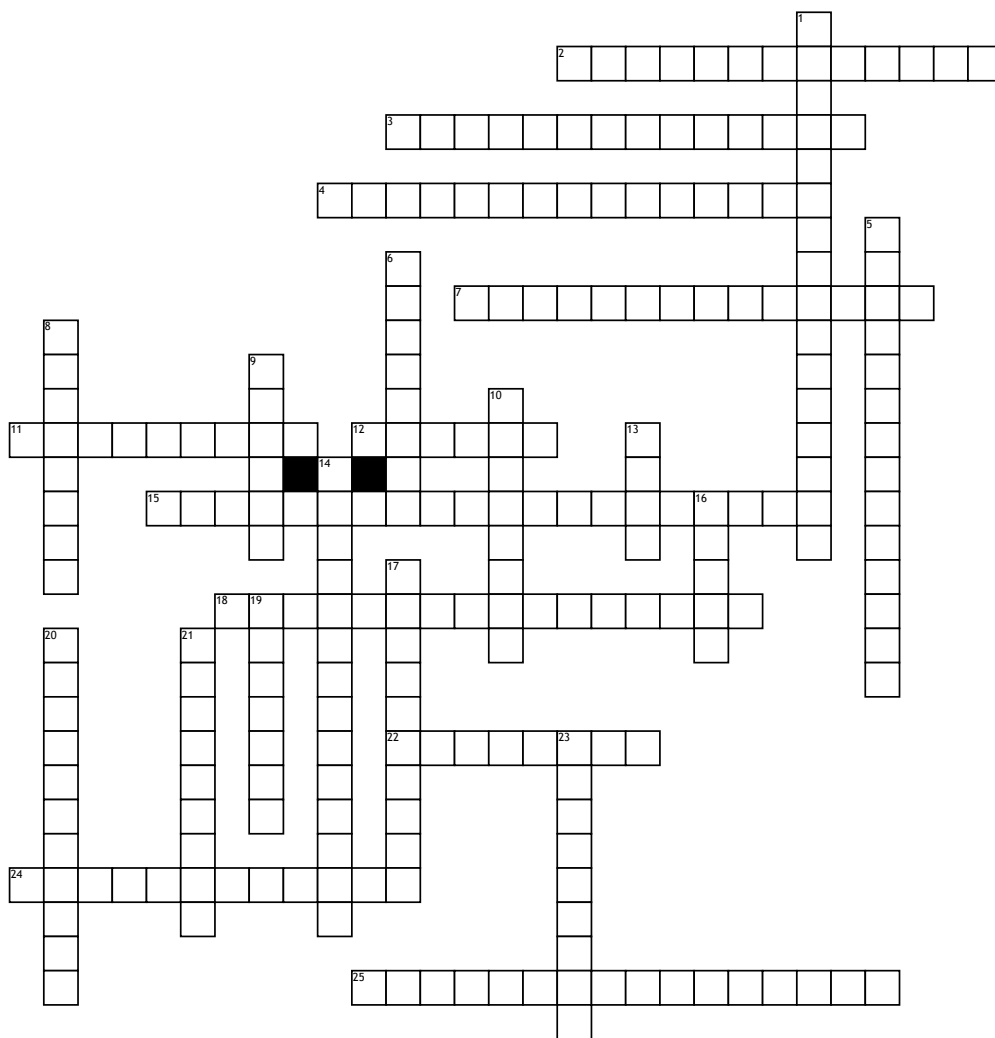
Across

2. term with a degree of 4

3. A number that can be written as a fraction.

4. the square root of a negative number; represented as "i".

7. This is the process used to multiply two binomials

11. A term with a degree of three.

12. The set of all first coordinates (x-values) of a relation or function

15. The number in front of the variable part of a monomial. Similar or Like Terms

18. a number that cannot be written as a fraction

22. the expression under a radical sign

24. Ax+By=C

25. formula that is utilized by a quadratic function.

Down

1. An inequality in two variables whose graph is a region of the coordinate plane bounded by a line.

5. The simplest of functions in a family of functions

6. A u-shaped curve with certain specific properties.

8. A value that makes a true statement

9. The highest or lowest point on a parabola

10. A polynomial with two terms.

13. This is the process used to multiply two binomials

14. A mathematical equation in which no independent-variable is raised to a power greater than one. The graph is a line.

16. Says how many times to use the number in a multiplication. Gives the degree of the root.

17. A term with a degree of one

19. Symbol used to indicate principle root of a # (Square root symbol)

20. is the term in the polynomial with the highest degree

21. A polynomial with three terms.

23. A line that a graph approaches as the x-values approach positive or negative infinity. It is often represented by a dashed line on a graph

Word Bank

binomial	radical	imaginary number	F.O.I.L.	Parabola
Quadratic term	Leading Term	Numerical Coefficient	Solution	Axis of Symmetry
Rational number	Asymptote	Parent Function	trinomial	Standard Form
Vertex	irrational number	cubic term	Index	radicand
Linear Term	domain	Linear function	Linear Inequality	quadratic formula