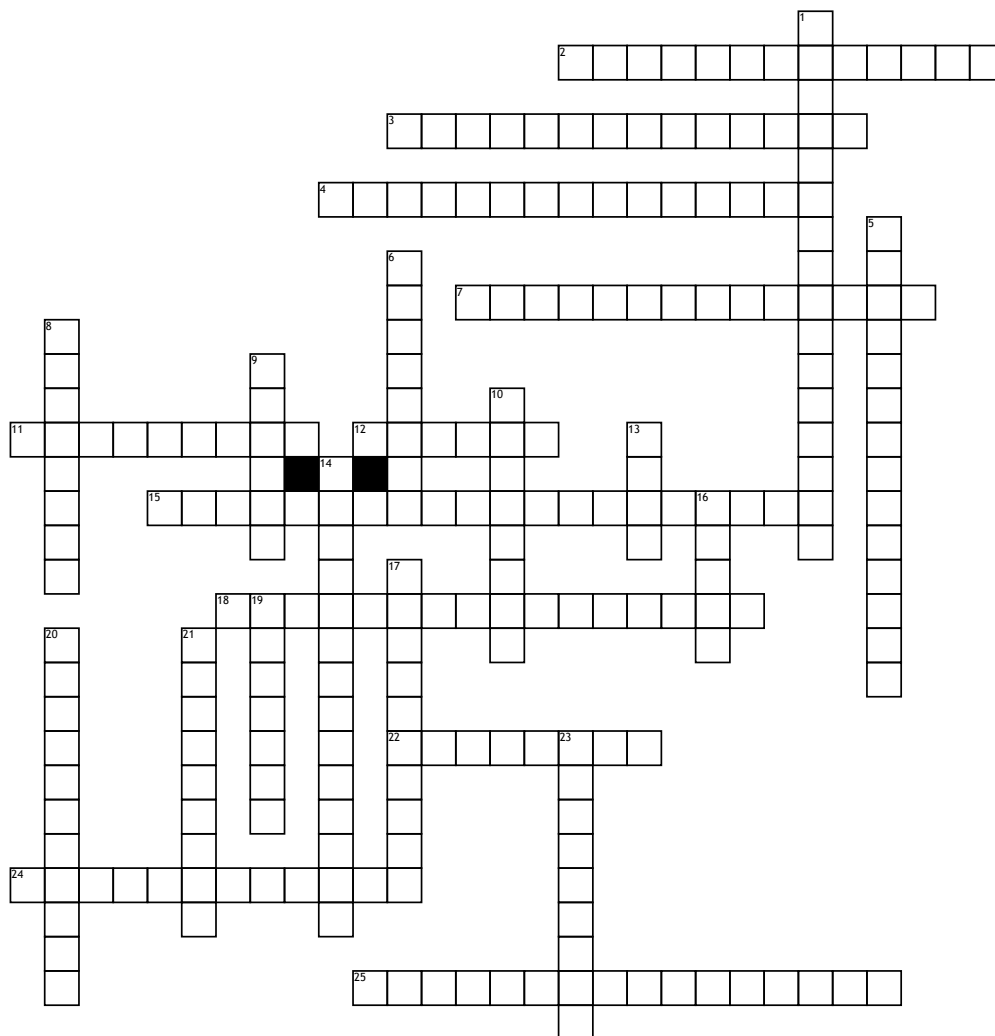


Name: _____ Date: _____ Period: _____

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

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