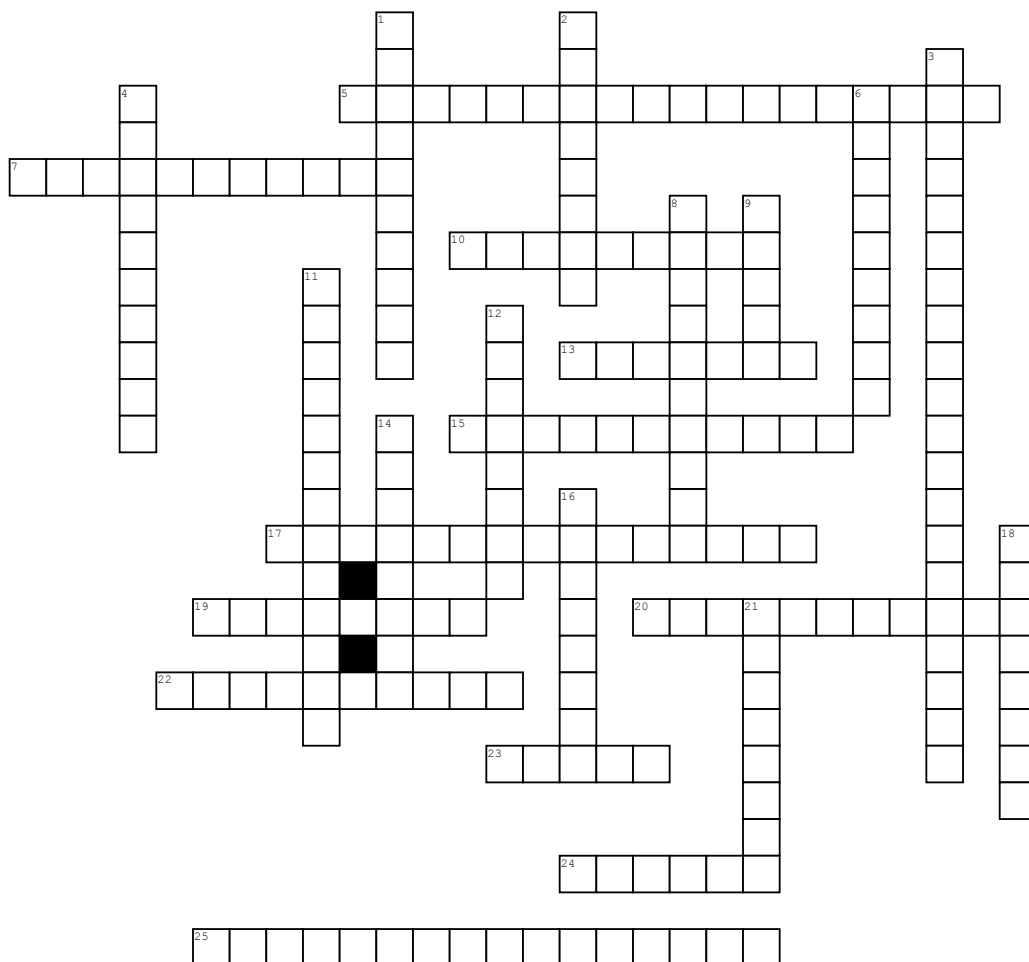


Name: _____ Date: _____ Period: _____

Algebra II crossword



Across

5. the equation of a line in the form of $y = mx + b$, where m is the slope and b is the y intercept
 7. the shift of a graph of a function horizontally, vertically or both
 10. a polynomial of three terms
 13. one of the positive or negative whole numbers or zero
 15. the numerical factor in a term
 17. any value of x for which $f(x) = 0$
 19. a set of ordered pairs
 20. (x, y)
 22. a statement that two algebraic expressions are related but not equal
 23. the set of all outputs of a relation (usually y)
 24. the set of all inputs in a relation (usually x)

25. a function of the form $y = a$ where a is a real number

Down

1. an expression consisting of the sum of one or more terms in which each is the product of a constant and a variable raised to an integer power
 2. a quantity whose value does not change
 3. the common factor of each term of an expression that has the greatest coefficient
 4. a point at which a graph of a function crosses the y -axis
 6. Rewriting an expression as the product of its factors.
 8. a point at which a graph of a function crosses the x -axis

9. ratio of vertical change to horizontal change in a non-vertical line; change in y over change in x
 11. The distance of a number from zero on the number line.
 12. a polynomial of one term
 14. a polynomial of two terms
 16. a relation in which each element in the domain corresponds with exactly one element in the range
 18. symbol, usually a letter, that represents one or more numbers
 21. a statement that two algebraic expressions are equal

Word Bank

relation	binomial	inequality	variable
constant function	Absolute value	integer	zero of a function
y -intercept	coefficient	equation	trinomial
Factoring	Slope Intercept Form	domain	slope
polynomial	monomial	constant	ordered pair
x -intercept	greatest common factor	function	range
translation			