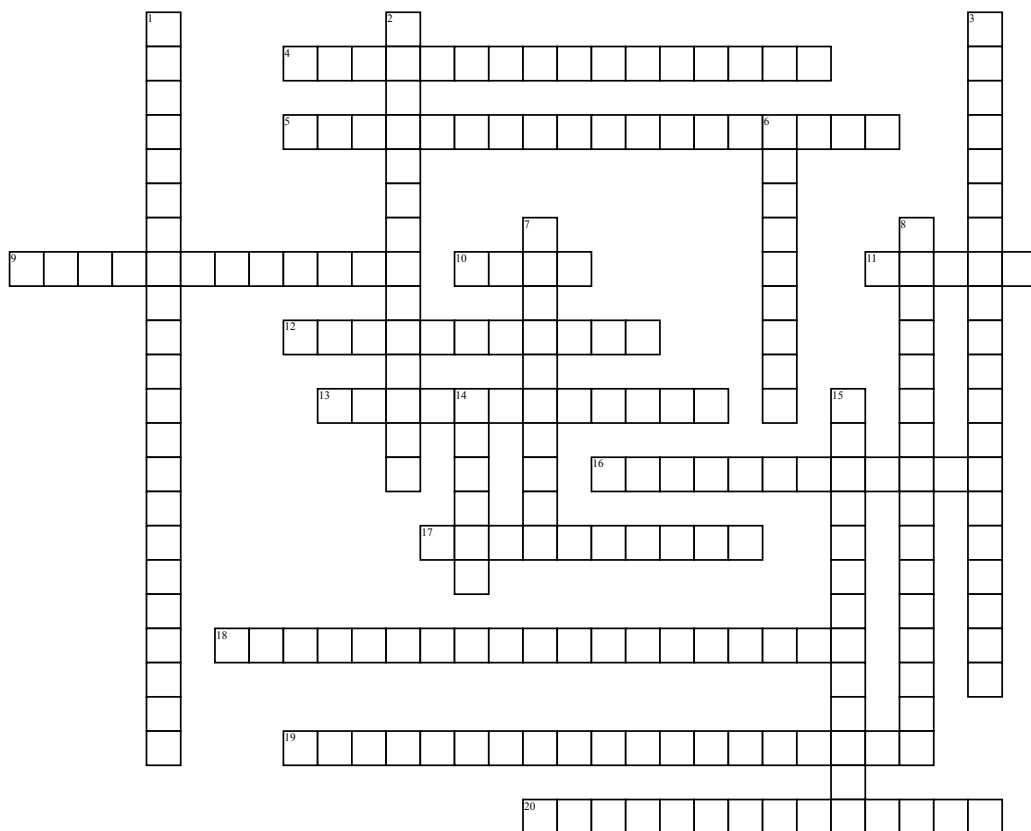


Name: _____

Date: _____

Coach Doyle's Final



Across

4. is the solution of the quadratic equation

5. This useful form of the line equation is sensibly named the

9. A strategy for solving systems of equations that include solving for one variable and using that solution to find the other variable.

10. A technique for distributing two binomials

11. the area of variation between upper and lower limits on a particular scale.

12. A strategy for solving systems of equations that includes elimination of one variable.

13. _____ is a way of writing down very large or very small numbers easily.

16. The _____ of a line is a number that measures its "steepness"

17. the x-coordinate of a point where a line, curve, or surface intersects the x-axis.

18. when you multiply two terms together you must multiply the coefficient (numbers) and add the exponents.

19. is quite similar to adding polynomials

20. the equation of a straight line in the form $y - y_1 = m(x - x_1)$ where m is the slope of the line

Down

1. a number between -1 and $+1$ calculated so as to represent the linear dependence of two variables or sets of data.

2. like subtracting but opposite

3. on either a number line or in the coordinate plane helps to visually represent several forms of inequalities

6. a relationship or expression involving one or more variables.

7. the slope is the number " m " that is multiplied on the x , and " b " is the _____ (that is, the point where the line crosses the vertical y -axis).

8. _____ finds the roots or x -intercepts of a quadratic equation.

14. The set of values of the independent variable(s) for which a function or relation is defined.

15. the product of a polynomial multiplied by itself.

Word Bank

add polynomials

x -intercept

elimination

graphing inequalities

subtract polynomials

range

slope formula

perfect square

standard form

multiply polynomials

point-slope form

correlation coefficient

substitution

domain

y -intercept

functions

factor quadratics

quadratic formula

foil

slope intercept form