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## System of Equations Vocab



## Across

3. The horizontal axis on a coordinate plane.
4. A set of two or more equations that contain two or more variables.
5. The vertical axis on a coordinate plane.
6. A measure of the steepness of a line on a graph.
7. A set of values that make an equation in a system true.
8. Terms that have the same variable raised to the same exponents.
9. To solve a system of equations by elimination we transform the system such that one variable "cancels out".
10. To replace a variable with a number or another expression in an algebraic expression.
Down
11. The $y$-coordinate of the point where the graph of a line crosses the $y$-axis.
12. An equation that contains two or more variables.
13. Operations that undo each other: addition, subtraction and multiplication, division'
14. The x-coordinate of the point where the graph of a line crosses the x -axis.
15. A linear equation written in the form $\mathrm{y}=\mathrm{mx}+\mathrm{b}$, where m represents slope and $b$ represents the $y$-intercept.
16. A symbol used to represent a quantity that can change.
17. The number that is multiplied by the variable in algebraic.
18. A pair of numbers that can be used to locate a point on a coordinate plane.
19. A mathematical sentence that shows that two expressions are equivalent.
