

| Term | Definition | Example |
|----------------------------|---|--|
| Slope | The measure of a line's steepness, measured by rise over run. | The hill's significant slope made cycling uphill a challenging workout. |
| y -intercept | The point where a line crosses the vertical (y) axis on a graph; the y -value when x is zero. | |
| y -intercept | | To find when the savings account would be empty, we calculated the x -intercept of the line. |
| Linear Equation | | |
| | A real-number value that a variable is being multiplied by. | It is 3 in the term $3x$, indicating three times the value of x . |
| Constant | A value in an expression or equation that does not change; a fixed number. | |
| Solution | | |
| Rate of Change | The measure of how one quantity changes in relation to another; often represented by the slope. | |
| Independent Variable | | |
| | The variable in a function or equation whose value depends on the value of the independent variable. | |
| System of Linear Equations | | |
| Point of Intersection | The point where two or more lines cross on a graph, representing a common solution. | |
| Parallel Lines | | |