

Vocabulary

Background

Term	Definition	Spanish
Continuous	A line with no gaps, no jumps, or no holes. It can be created without lifting your pencil.	continuo
Decreasing	Values of y -coordinates get smaller as x -coordinates get larger.	disminuir
Discrete	Discontinuous, made up of distinct parts.	distinto
Function	A relation in which every value of x (or input) has a unique value of y (or output).	función
Increasing	Values of y -coordinates get larger as x -coordinates get larger.	aumentar
Interval	On a graph, the distance between numbers from one grid line to another.	intervalo
One-one	When each x -coordinate has one and only one y -coordinate and each y -coordinate has one and only one x -coordinate.	uno-uno
Point	An exact position in space.	punto
Relationship	A set of ordered pairs for all which all x and y are related in the same way.	relación
Scale (graph)	A system of marks at fixed intervals used in measurement or graphing.	escala
Table	A way of organizing many pieces of data about a topic into categories.	mesa

Current

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Arithmetic Sequence <i>Section 4.7</i>	A numerical pattern that increases or decreases at a constant rate or value. The difference between successive terms of the sequence is constant.	sucesión aritmética
Common Difference <i>Section 4.7</i>	The difference between terms in a sequence.	diferencia común
Dependent Variable <i>Section 1.8</i>	The variable in a relation whose value depends on the value of the independent variable.	variable dependiente
Domain <i>Section 1.8</i>	The set of the first numbers of the ordered pairs in a relation.	dominio
Equation in Two Variables <i>Section 4.4</i>	An equation that contains two unknown variables.	la ecuación en dos variables
Function <i>Section 1.8</i>	A relation in which each element of the domain is paired with exactly one element of the range.	función

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Function Notation <i>Section 4.6</i>	A way to name a function that is defined by an equation. In function notation, the equation $y = 3x - 8$ is written as $f(x) = 3x - 8$.	funcione la anotación
Independent Variable <i>Section 1.8</i>	The variable in a function whose value is subject to choice.	variable independiente
Inverse Relation <i>Section 4.3</i>	The inverse of any relation is obtained by switching the coordinates in each ordered pair.	relación de inverso
Linear Equation <i>Section 4.5</i>	An equation in the form $Ax + By = C$, whose graph is a straight line.	ecuación lineal
Linear Function <i>Section 4.5</i>	A function in which the x and y variables have the relationship $Ax + By = C$.	función lineal
Mapping <i>Section 4.3</i>	Illustrates how each element of the domain is paired with an element in the range.	cartografía
Non-Linear Function <i>Section 4.5</i>	A function in which the x and y variables are not in the relationship $Ax + By = C$.	función no lineal
Ordered Pair <i>Section 1.8</i>	A set of numbers or coordinates used to locate any point on a coordinate plane, written in the form (x, y) .	pares ordenados
Range <i>Section 1.8</i>	The set of second numbers of the ordered pairs in a relation.	gama
Rate of Change <i>Section 5.1</i>	How a quantity is changing over time.	la tasa del cambio
Relation <i>Section 1.8</i>	A set of ordered pairs.	relación
Solution <i>Sections 1.3, 4.4</i>	A replacement value for the variable in an open sentence.	solución
Table of Values <i>Section 4.3</i>	An organized list of values for a given function.	la mesa de valores
Terms of a Sequence <i>Section 1.5</i>	The numbers in a sequence.	los términos de una sucesión
Vertical Line Test <i>Section 4.6</i>	If any vertical line passes through no more than one point of the graph of a relation, then the relation is a function.	prueba vertical de línea
x -intercept <i>Section 4.5</i>	The coordinate (single number) at which a graph intersects the x -axis.	X-intercepta
y -intercept <i>Section 4.5</i>	The coordinate (single number) at which a graph intersects the y -axis.	E-intercepta