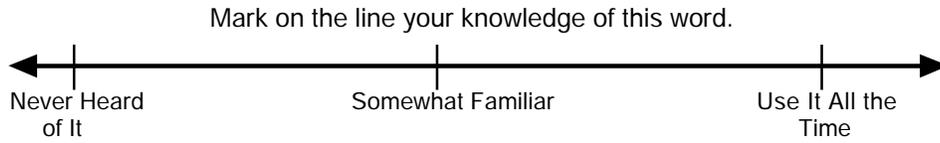


Indirect measure the measurement of an object through the known measure of another object.

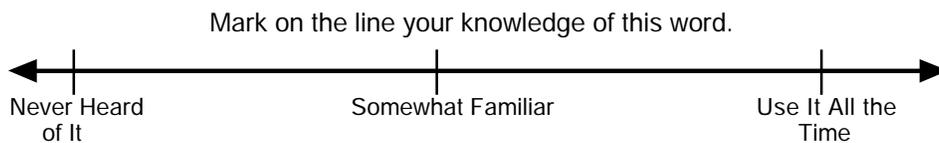
M



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Inequality a sentence that states one expression is greater than, greater than or equal to, less than, less than or equal to, or not equal to, another expression (e.g., $a > 5$ or $x < 7$).

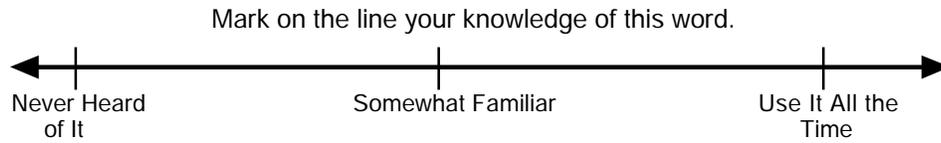
E



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Integers the numbers in the set $\{\dots, -4, -3, -2, -1, 0, 1, 2, 3, 4, \dots\}$.

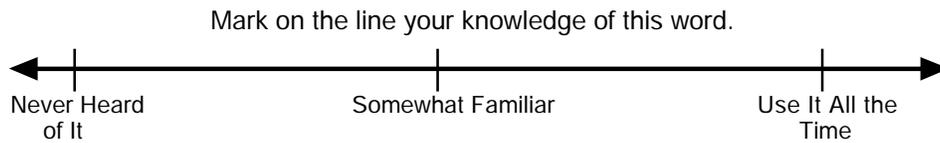
M



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Intercept the value of a variable when all other variables in the equation equal zero (0). On a graph, the values where a function crosses the axes.

M

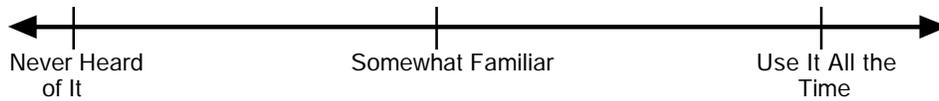


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Intersection the point at which two lines meet.

E

Mark on the line your knowledge of this word.

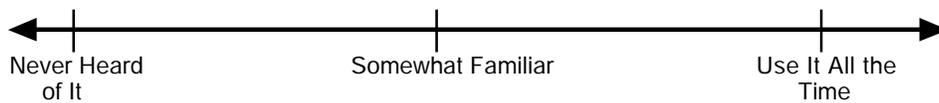


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Inverse operation an action that cancels a previously applied action.
For example, subtraction is the inverse operation of addition.

M

Mark on the line your knowledge of this word.

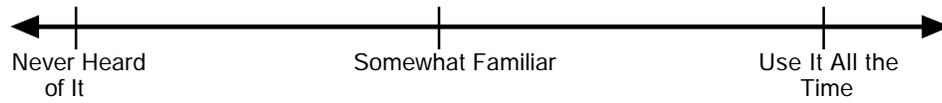


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Irrational number a real number that cannot be expressed as a ratio of two numbers (e.g., $\sqrt{2}$).

M

Mark on the line your knowledge of this word.

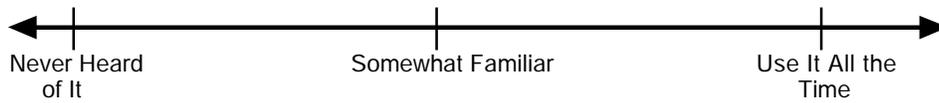


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Isosceles triangle a triangle with two congruent sides and two congruent angles.

M

Mark on the line your knowledge of this word.

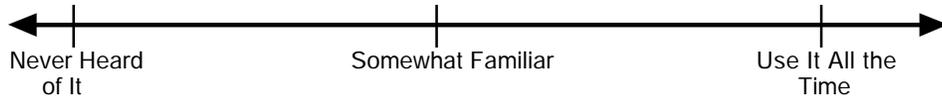


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Labels (for a graph) the titles given to a graph, the axes of a graph, or to the scales on the axes of a graph.

E

Mark on the line your knowledge of this word.

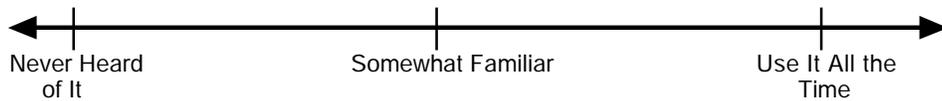


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Length a one-dimensional measure that is the measurable property of line segments.

E

Mark on the line your knowledge of this word.

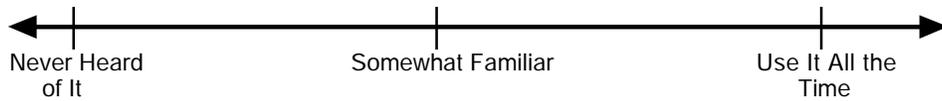


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Likelihood the chance that something is likely to happen.
See *Probability*.

E

Mark on the line your knowledge of this word.

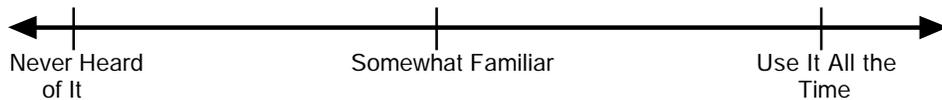


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Line a straight line that is endless in length.

E

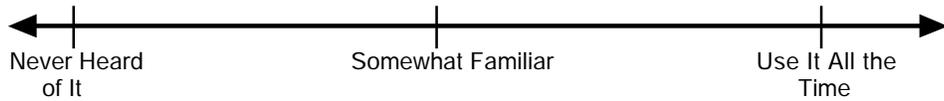
Mark on the line your knowledge of this word.



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Linear equation an algebraic equation in which the variable quantity or quantities are in the first power only and the graph is a straight line [e.g., $20 = 2(w + 4) + 2w$ and $y = 3x + 4$]. M

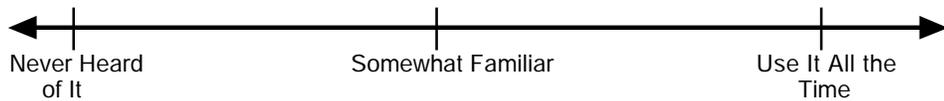
Mark on the line your knowledge of this word.



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Line graph a graph that displays data using connected line segments. E

Mark on the line your knowledge of this word.

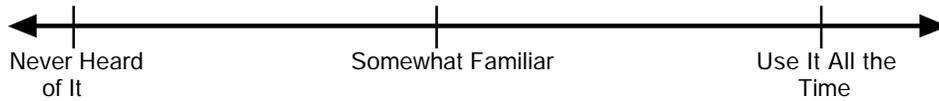


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Line segment a portion of a line that has a defined beginning and end (e.g., the line segment AB is between point A and point B).

M

Mark on the line your knowledge of this word.

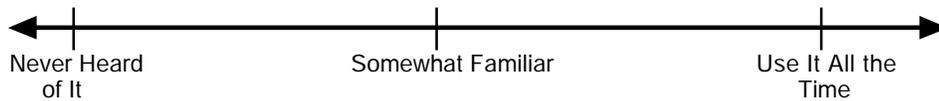


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Mean the arithmetic average of a set of numbers.

E

Mark on the line your knowledge of this word.

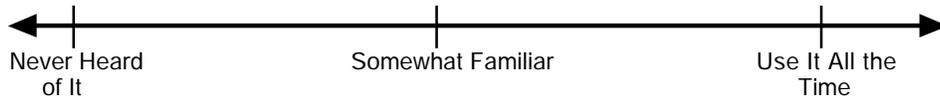


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Median the middle point of a set of ordered numbers where half of the numbers are above the median and half are below it.

E

Mark on the line your knowledge of this word.

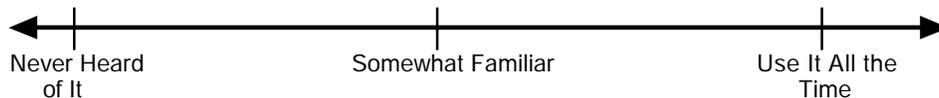


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Metric units the units of measure developed in Europe and used in most of the world. Like the decimal system, the metric system uses the base 10. Metric units for length are milligrams, grams, and kilograms. Metric units for volume are cubic millimeters, cubic centimeters, and cubic meters. Metric units for capacity are milliliters, centiliters, liters, and kiloliters.

E

Mark on the line your knowledge of this word.

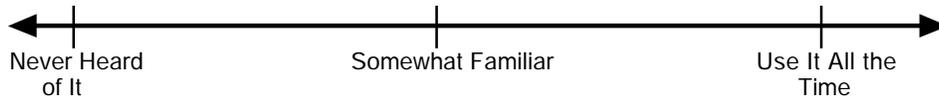


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Midpoint of a Line segment the point on a line segment that divides it into two equal parts.

M

Mark on the line your knowledge of this word.

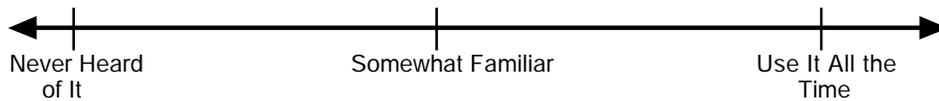


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Mode the score or data point found most often in a set of numbers.

E

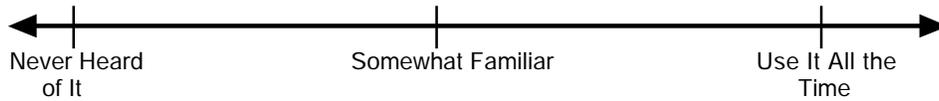
Mark on the line your knowledge of this word.



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Multiples the numbers that result from multiplying a given number by the set of whole numbers (e.g., the multiples of 15 are 0, 15, 30, 45, 60, 75, etc.). E

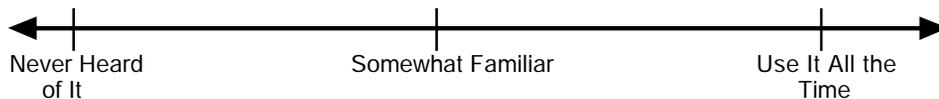
Mark on the line your knowledge of this word.



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Multiplicative identity the number one (1), that is, multiplying by 1 does not change a number's value (e.g., $5 \times 1 = 5$). M

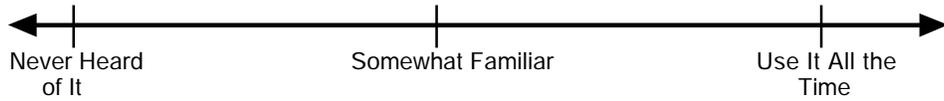
Mark on the line your knowledge of this word.



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Multiplicative inverse (reciprocal) any two numbers with a product of 1
 (e.g., 4 and $\frac{1}{4}$). M

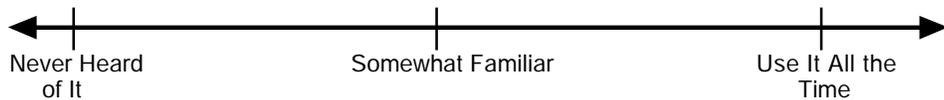
Mark on the line your knowledge of this word.



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Natural numbers (counting numbers) the numbers in the set {1, 2, 3, 4, 5, ...}. M

Mark on the line your knowledge of this word.

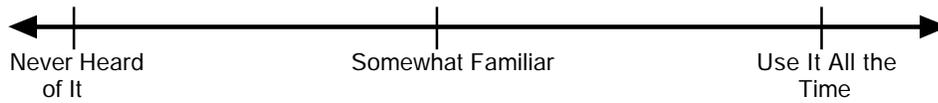


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Negative exponent used in scientific notation to designate a number smaller than one (1) (e.g., 3.45×10^{-2} equals 0.0345).

M

Mark on the line your knowledge of this word.

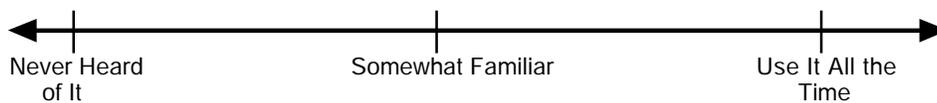


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Nonstandard units of measure objects such as blocks, paper clips, crayons, or pencils that can be used to obtain a measure.

E

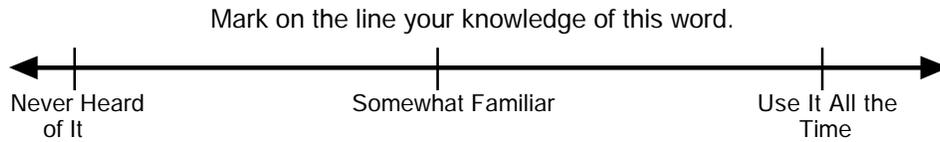
Mark on the line your knowledge of this word.



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Number line a line on which numbers can be written or visualized.

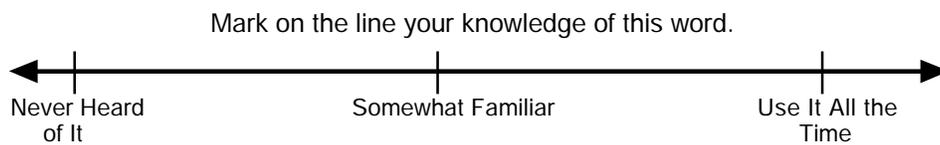
E



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Obtuse angle an angle with a measure of more than 90° but less than 180° .

E

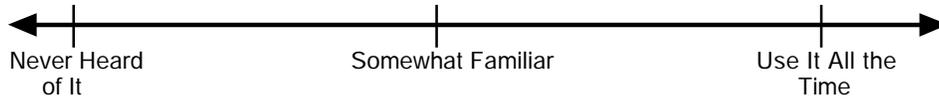


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Odds the ratio of one event occurring to it not occurring.

M

Mark on the line your knowledge of this word.

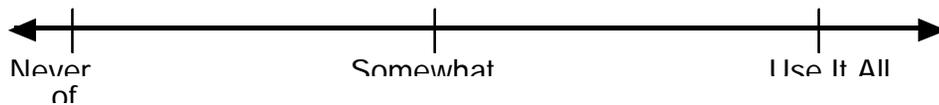


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Operation any mathematical process, such as addition, subtraction, multiplication, division, raising to a power, or finding the square root.

E

Mark on the line your knowledge of this

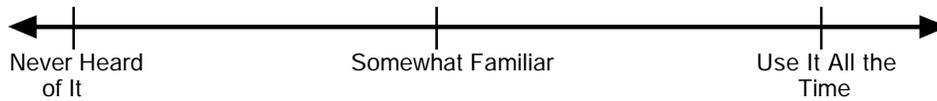


Explain in your own	
	Picture or

Operational shortcut a method having fewer arithmetic calculations.

H

Mark on the line your knowledge of this word.

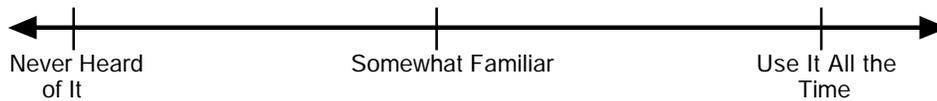


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Ordered pair the location of a single point on a rectangular coordinate system where the digits represent the position relative to the x -axis and y -axis [e.g., (x, y) or $(3, 4)$].

E

Mark on the line your knowledge of this word.



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

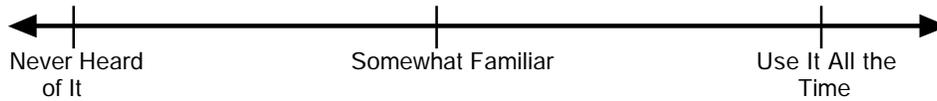
Organized data

data arranged in a display that is meaningful and that assists in the interpretation of the data.

E

See *Data displays*.

Mark on the line your knowledge of this word.



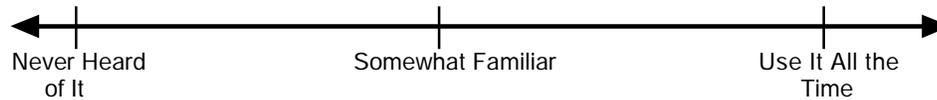
Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Origin

the point in the coordinate plane at which the horizontal axis (x-axis) intersects the vertical axis (y-axis). The point has coordinates (0,0).

M

Mark on the line your knowledge of this word.

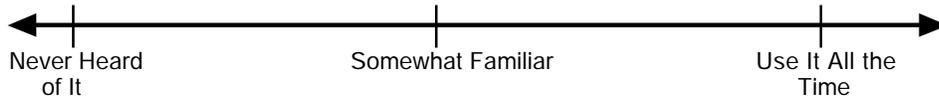


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Parallel lines two lines in the same plane that never meet.
Also, lines with equal slopes.

E

Mark on the line your knowledge of this word.

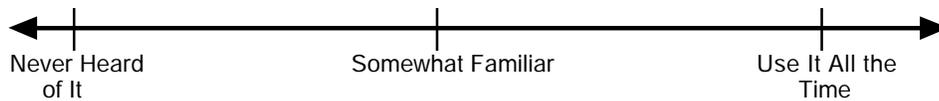


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Pattern (relationship) a predictable or prescribed sequence of numbers, objects, etc. Patterns and relationships may be described or presented using manipulatives, tables, graphics (pictures or drawings), or algebraic rules (functions). Also called a *Relation*.

E

Mark on the line your knowledge of this word.

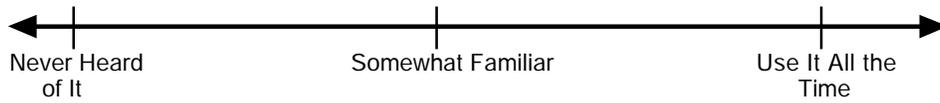


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Percent a special-case ratio in which the second term is always 100. The ratio is written as a whole number followed by a percent sign (e.g., 25% means the ratio of 25 to 100).

E

Mark on the line your knowledge of this word.

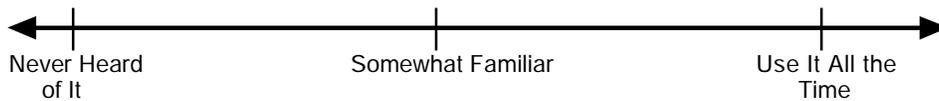


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Perimeter the distance around a figure.

E

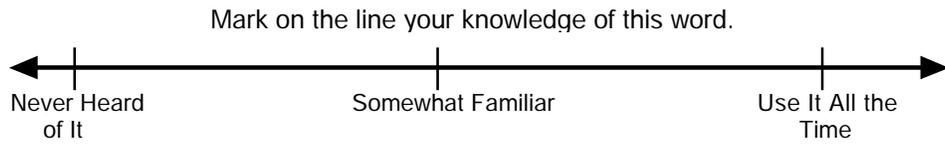
Mark on the line your knowledge of this word.



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Perpendicular a line describing two lines or two line segments that cross to form a right angle.

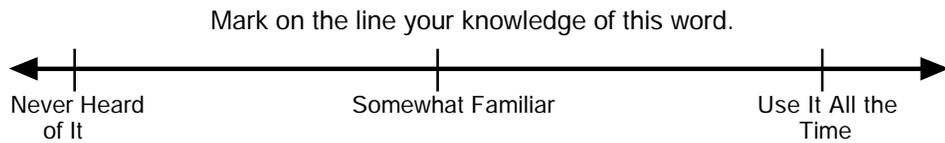
E



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Pi (π) the symbol designating the ratio of the circumference of a circle to its diameter, represented as either 3.14 or $\frac{22}{7}$.

M

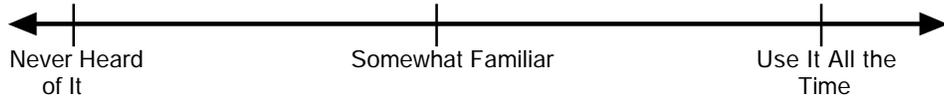


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Pictograph a data display.

M

Mark on the line your knowledge of this word.

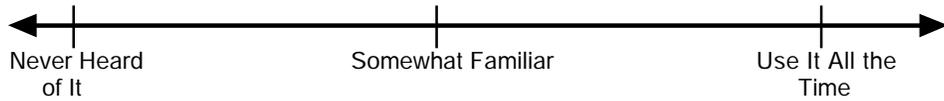


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Place value the position of a single digit in a whole number or decimal number containing one or more digits.

E

Mark on the line your knowledge of this word.

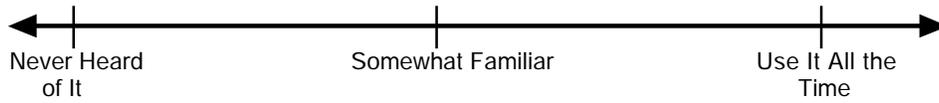


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Planar cross-section the intersection of a plane and a three-dimensional figure.

H

Mark on the line your knowledge of this word.

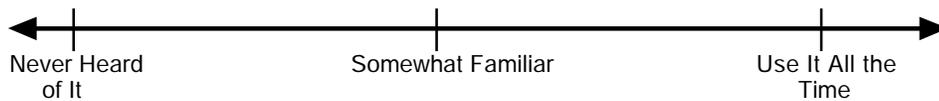


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Plane figure a two-dimensional figure that lies entirely within a single plane.

E

Mark on the line your knowledge of this word.

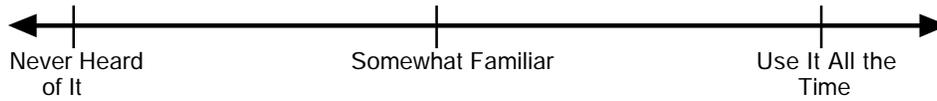


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Point a location in space that has no discernible length or width.

E

Mark on the line your knowledge of this word.

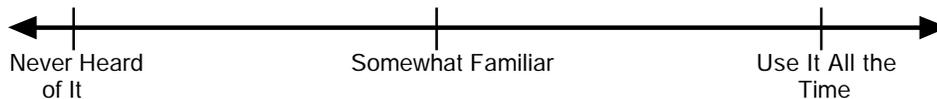


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Polygon a closed plane figure whose sides are straight lines that are connected end-point to end-point.

E

Mark on the line your knowledge of this word.

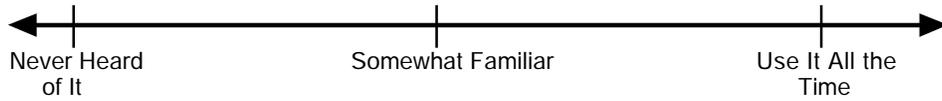


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Prime number any whole number with only two factors, 1 and itself (e.g., 2, 3, 5, 7, 11, etc.).

E

Mark on the line your knowledge of this word.

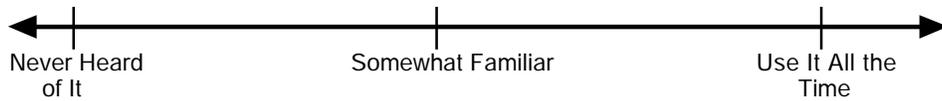


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Proof a set of steps that demonstrates the truth of a given statement. Each step can be justified with a reason, such as a given, a definition, an axiom, or a previously proven property.

H

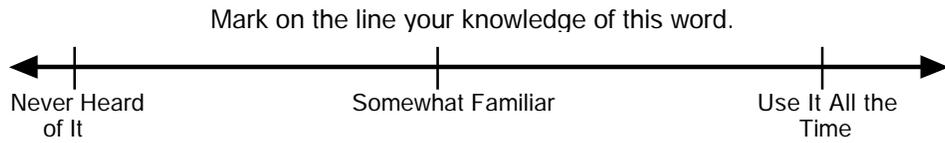
Mark on the line your knowledge of this word.



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Proportion a mathematical sentence stating that two ratios are equal.

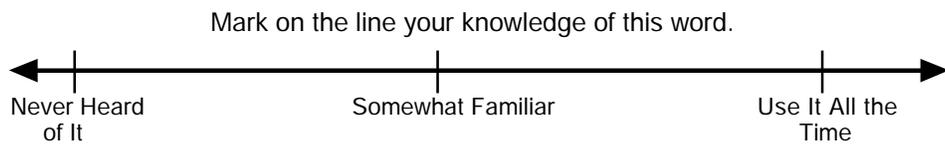
M



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Pyramid a three-dimensional figure whose base is a polygon and whose faces are triangles with a common vertex.

M

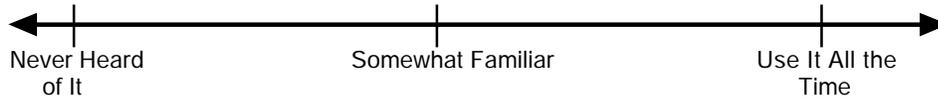


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Pythagorean Theorem the square of the hypotenuse (c) of a right triangle is equal to the sum of the squares of the legs (a and b), as shown in the equation $c^2 = a^2 + b^2$.

M

Mark on the line your knowledge of this word.

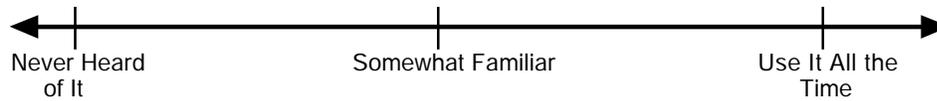


Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph

Quadrant any of the four regions formed by the axes in a rectangular coordinate system.

M

Mark on the line your knowledge of this word.



Explain in your own words	Example
Facts/Rules/Formulas	Picture or Graph