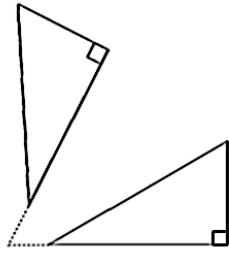
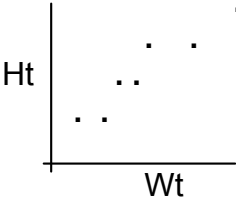
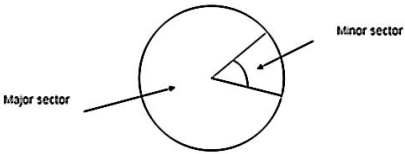
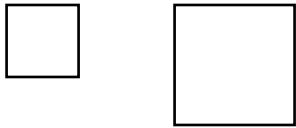

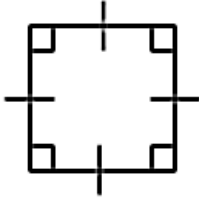
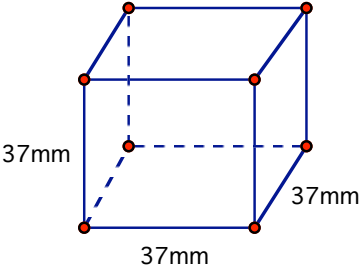
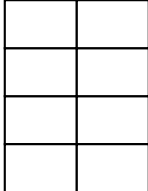


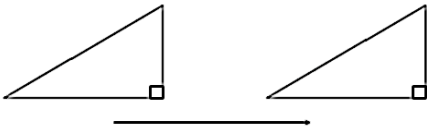
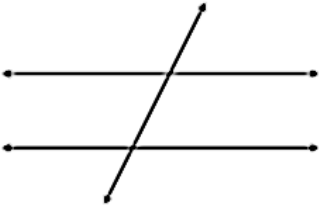
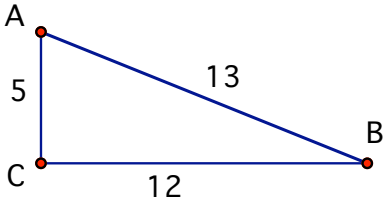
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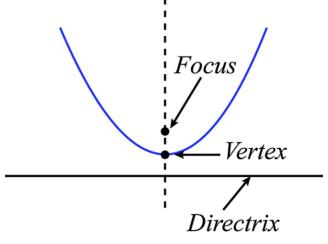
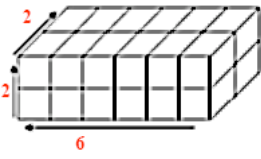
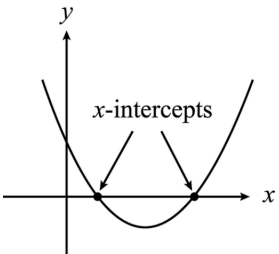
English term	Spanish term	Description/meaning	Drawing/example
rotation	rotación roh-tah-seeohn'	a congruence transformation that rotates (turns) a figure about a fixed point	
sales tax	impuesto eem-poo-ehs'-toh	an amount added to the cost of items, calculated as a percentage of the cost	a sales tax of 8.5% on a \$50 purchase would be \$4.25 (50×0.085)
sample space	espacio muestral ehs-pah'-seeoh moo-ehs-trahl'	the set of all possible outcomes for an experiment.	the sample space for tossing a 6-face die is $S = \{1, 2, 3, 4, 5, 6\}$
scatter plot	gráfica de dispersión grah'-fee-cah deh dees-pehr-seeohn'	a graph in which the data are shown as points in a coordinate plane. Scatter plots show the relationship between two variables.	
sector	sector sehk-tohr	a region of a circle bounded by two radii and their intercepted arc	
similar figures	figuras similares fee-goo-rahs see-mee-lah-rehs	figures that have the same shape but may have different sizes. The lengths of corresponding sides of similar figures are proportional	
slope of a line	pendiente de una línea pehn-dee-ehn'- teh oo-nah lee-nehah	the change in vertical distance divided by the change in horizontal distance	for the equation $y = 3x + 5$, the slope of the line is 3, which shows a vertical change of 3 units for every 1 unit of horizontal change

English term	Spanish term	Description/meaning	Drawing/example
slope-intercept form of a linear function	forma pendiente-intercepción de una función lineal fohr-mah pehn-dee-ehn-te een-tehr-sehp-see-ohn deh oonah func-seeon lee-nehal	$y = mx + b$, where m is the slope and b is the y -intercept	for the equation $y = -2x - 3$, the slope is -2 and the y -intercept is -3
sphere	esfera ehs-feh'-rah	the set of points in space that are an equal distance from the center of the figure.	
square	cuadrado koo-ah'-drah-do	a rectangle whose four sides are congruent	
substitution property	propiedad de sustitución proh-pee-eh'-dahd deh soos-tee-too-seeohn'	for all real numbers a and b , if $a = b$, then a may replace b or b may replace a in any statement	if $y = 6$, then 6 may be substituted for y in the expression $2y + 3$, giving a value of 15 for the expression
surface area	área total ah'-reh-a toh-tal	for a solid figure, the sum of the areas of all the faces or surfaces than enclose the solid	 <p>surface area is sum of the areas of the 6 squares that make up the sides of the cube</p> <p>The surface area of this cube is $6 \times 37^2 = 8214 \text{ mm}^2$</p>

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English term	Spanish term	Description/meaning	Drawing/example								
symmetric property	propiedad simétrica proh-pee-eh'-dahd see-meh'-tree-cah	for all real numbers a and b , if $a = b$, then $b = a$	If $2x = 6$. Then $6 = 2x$								
system of linear equations	sistema de ecuaciones lineales sees-the'-ma deh eh-koo-ah-seeohn'-ehs lee-neh-ah'-lehsh	two or more linear equations that are considered or plotted together	$y = 2x + 3$ $2y = -2x + 12$ <i>Solving:</i> $x = 1$ $y = 5$								
table	tabla tah-blah	a display of mathematical data, usually in a vertical or horizontal manner	<table border="1"> <tbody> <tr> <td>x</td> <td>2</td> <td>4</td> <td>6</td> </tr> <tr> <td>y</td> <td>5</td> <td>9</td> <td>13</td> </tr> </tbody> </table>	x	2	4	6	y	5	9	13
x	2	4	6								
y	5	9	13								
tessellation	teselación the-she-la-seeon'	an arrangement of closed figures that completely cover a surface, without any gaps or overlaps									
theoretical probability	probabilidad teórica proh-bah-bee-lee-dahd' teh-oh'-ree-cah	the probability of an event determined by the ratio of the number of favorable outcomes to the number of possible outcomes in the sample space	when a coin is tossed, the theoretical probability of getting a head is $\frac{1}{2}$								

English term	Spanish term	Description/meaning	Drawing/example
transitive property	propiedad transitiva proh-pee-eh-dahd trahn-see-tee'-ba	for all real numbers a , b , and c , if $a = b$ and $b = c$, then $a = c$	if $a = 2$ and $2 = c$, then $a = c$
translation	traslación tras-lah-seeohn'	a congruence transformation that slides a figure in the plane without changing its orientation or size	
transversal	transversal trahns-behr-sahl	a line that intersects two or more different lines in a plane. When the lines are parallel, certain angle measurements are equal	
trigonometric ratios	razones trigonométricas rah'-so-nes tree-goh-no-meh'-tree-cas	relationships between the sides of right triangles. Most commonly used are the sine, cosine, and tangent	 The sine of angle A is 12/13
variable	variable bah-ree-ah-bleh	a symbol (usually a letter) used to represent an unknown number in a given set of numbers	in the expression, $4n + 2$, the " n " is a variable

English term	Spanish term	Description/meaning	Drawing/example
vertex	vértice behr'-tee-ceh	the point on the axis of symmetry of a parabola equidistant from the focus and the directrix.	
volume	volumen boh-loo-mehn	the measured size (how much it will hold) of a solid figure; measurement given in "cubic" units	 <p> volume = $2 \times 2 \times 6$ $v = 24$ </p>
x-intercept	intercepción x een-tehr-cehp-seeohn' eh-kees	the value(s) of x where a graph intersects the x -axis.	
y-intercept	Intercepción y een-tehr-cehp-seeohn' yah	the value of y where a graph intersects the y -axis.	