
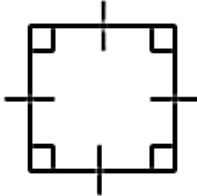
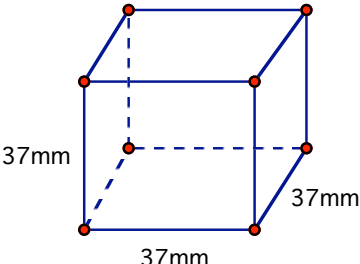
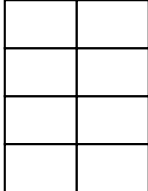
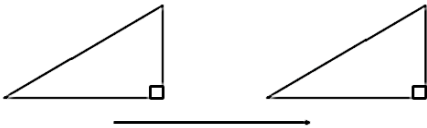
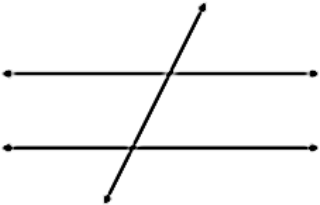
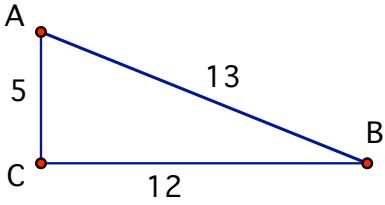
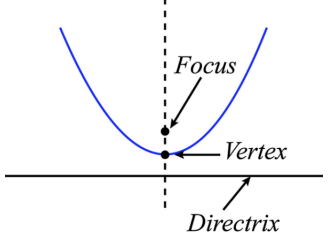
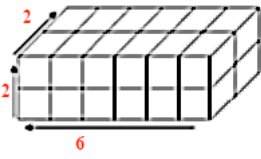
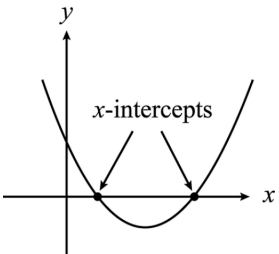
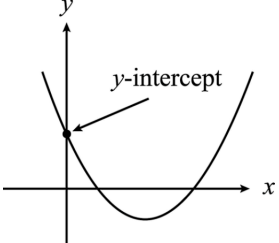


| English term | Spanish term | Description/meaning | Drawing/example |
|---|--|--|--|
| slope-intercept form of a linear function | forma pendiente-intercepción de una función lineal fohr-mah pehn-dee-ehn-te een-tehr-sehp-see-ohn deh oonah func-seeon lee-nehal | $y = mx + b$, where m is the slope and 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. |  |