

8th Grade CCSS Math Vocabulary Matching 5

Write the word that best matches each definition or clue.

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| 1. <u>OUTLIER</u> | A value much greater or much less than the others in a set of data. |
| 2. <u>RATIONAL NUMBER</u> | A number that can be expressed as a ratio (fraction) of two integers. |
| 3. <u>NON-LINEAR FUNCTION</u> | A function (equation) whose graph is not a straight line. |
| 4. <u>CONE VOLUME</u> | The number of cubic units needed to fill a cone. |
| 5. <u>LINE OF BEST FIT</u> | A straight line that comes closest to the points on a scatter plot having an equal number of points above and below the line. |
| 6. <u>INTERCEPTS</u> | Points where a line crosses the x-axis and y-axis. |
| 7. <u>SQUARE ROOT</u> | One of two equal factors (multiplication) of a number. It is the side of a square. |
| 8. <u>COEFFICIENT</u> | The number that is multiplied by the variable in an algebraic expression. |
| 9. <u>CUBED ROOT</u> | One of three equal factors (multiplication) of a number. It is the side of a cube |
| 10. <u>LINEAR EQUATION</u> | An equation that makes a straight line when it is graphed. |
| 11. <u>RADICAL SYMBOL</u> | The symbol used to represent the non negative square root of a number. |
| 12. <u>FUNCTION</u> | An input-output relationship that has exactly one output (y-value) for each input (x-value). |
| 13. <u>IRRATIONAL NUMBER</u> | A number that can not be expressed as a ratio of two integers or as a repeating or terminating decimal. |
| 14. <u>BIVARIATE MEASUREMENT</u> | Involves the analysis of two variables for the purpose of determining a relationship. |
| 15. <u>SCATTER PLOT</u> | A graph with points plotted to show a possible relationship between two sets of data. |
| 16. <u>SCIENTIFIC NOTATION</u> | A method of writing very large or very small numbers using powers of 10. |
| 17. <u>SLOPE INTERCEPT FORM</u> | A linear equation written in the form $y = mx + b$ (m represents slope and b represent the y-intercept). |

A. coefficient
D. line of best fit
G. cubed root
J. function
M. outlier
P. slope intercept form

B. linear equation
E. irrational number
H. radical symbol
K. non-linear function
N. scientific notation
Q. rational number

C. square root
F. bivariate measurement
I. scatter plot
L. intercepts
O. cone volume