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Algebra 1

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| **Across**  **7.** The graph of a function goes down on a portion of its domain when viewed from left to right.  **10.** numbers that are greater than zero  **12.**  An equation of the form a/b=c/d, where b≠0, stating that two ratios are equivalent.  **14.** A mathematical sentence that contains an equals sign, =.  **15.** The set of the first numbers of the ordered pairs in a relation.  **16.** An equation that is true for every value of the variable.  **17.** 1. The set of second numbers of the ordered pairs in a relation. 2. The difference between the greatest and least data values.  **18.**  The vertical number line on a coordinate plane.  **20.** Less than zero  **21.** In an algebraic expression, the quantities being multiplied  **22.**  A Equation that states a rule for the relationship between certain quantities. | **Down**  **1.** In an algebraic expression, the result of quantities being multiplied  **2.** An open sentence that contains the symbol <, ≤, >, or ≥.  **3.** A relation in which each element of the domain is paired with exactly one element of the range.  **4.** The horizontal number line on a coordinate plane.  **5.**  The graph of a function goes up on a portion of its domain when viewed from left to right.  **6.** The variable in a function with a value that is subject to choice.  **8.**  The variable in a relation with a value that depends on the value of the independent variable.  **9.** 1. Symbols used to represent unspecified numbers or values. 2. A characteristic of a group of people or objects that can assume different values.  **11.** A replacement value for the variable in an open sentence.  **13.** The ratio of two measurements having different units of measure.  **19.** A comparison of two numbers by division. |

   formula       ratio       proportion       rate       Inequality       Variables       product       factors       Equation       solution       identity       Y Axis       X Axis       domain       range       Independent Variable       Dependent Variable       function       Positive       Negative       increasing       decreasing