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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Relations and Functions

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|  |  |  |  |  |  | 4M |  A |  X |  I |  M |  U |  M |  |  E |  |  N |  |  |  |
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|  |  | 7R |  E |  L |  A |  T |  I |  O |  N |  |  |  | 8M |  I |  N |  I |  M |  U |  M |
|  |  |  |  |  |  |  R |  |  R |  |  |  |  |  |  C |  |  O |  |  N |  |
|  |  |  | 9Y |  |  |  Y |  |  I |  |  |  | 10X |  |  A |  |  N |  |  C |  |
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|  | 12R |  A |  N |  G |  E |  | 13D |  O |  M |  A |  I |  N |  |  |  |  O |  |  I |  |
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| 16V |  E |  R |  T |  I |  C |  A |  L |  L |  I |  N |  E |  T |  E |  S |  T |  |  |  |  |
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| **Across****4.** The y-coordinate of the highest point on a graph.**7.** A set of ordered pairs.**8.** The y-coordinate of the lowest point on a graph.**12.** The set of output values in a relation.**13.** The set of input values in a relation.**15.** The behavior of a graph as x approaches positive or negative infinity. **16.** Used to determine whether a graph is a function. | **Down****1.** When a figure can be folded about a line so that it matches exactly. **2.** Used to emphasize that a function value f(x) depends on the variable x.**3.** This type of line is never a function.**5.** This type of line is always a function.**6.** A relation that assigns exactly one output for each input.**9.** The place where a graph crosses the y-axis. **10.** The place where a graph crosses the x-axis.**11.** A diagram used to determine whether a relation is or is not a function.**14.** To replace a variable with a number and simplify.  |