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

Algebra

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|  |  |  | 15  M |  | N |  |  |  | O |  |  |  |  |  |  |  | A |  | O |  |  | L |  | N |  | E |  | E |  |
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|  |  |  | M |  | A |  | 18  R |  | O |  |  |  |  | 19  O | P | P | O | S | I | T | E | S |  | C |  |  |  | M |  |
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|  |  |  | M |  |  | 20  R | A | T | I | O | N | A | L | E | Q | U | A | T | I | O | N |  |  | P |  |  |  | N |  |
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| **Across**  **3.** Vertex if a<0  **4.** The y-coordinate of a point where a graph crosses the y-axis  **7.** root with the independent variable in the radicand  **10.** Ax + By = C  **14.** A letter that is used to represent one or more numbers  **16.** A polynomial with two terms  **17.** The x-coordinate of a point where a graph crosses the x-axis  **19.** Two numbers that are the same distance from 0 on a number line but are on opposite sides of 0  **20.** An equation that contains one or more rational expressions  **21.** An expression that can be written as a ratio of two polynomials where the denominator is not 0  **23.** The lowest or highest point on a parabola  **24.** The greatest degree of the terms of the polynomial | **Down**  **1.** A number that can be written as the quotient of two integers  **2.** Terms that have the same variable parts  **5.** A number, variable, or the product of a number and one or more variables with whole number exponents  **6.** y=mx+b  **8.** The sum of the exponents of the variables in the monomial  **9.** A polynomial with three terms  **11.** monomial or a sum of monomials, each called a term  **12.** U-shaped graph  **13.** The number part of a term with a variable part  **15.** Vertex if a>0  **18.** The set of all rational and irrational numbers  **22.** An equation that states that two ratios are equal |