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

Quadratic Functions

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|  |  |  |  |  |  |  |  |  |  |  |  | 5 |  |  |  |  |  |  |  |
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|  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Across**  **2.** the shape of a quadratic graph  **5.** the highest point on a concave down parabola  **6.** the form of the equation: y = ax^2+bx+c  **7.** another name for x-intercepts  **9.** the lowest point on a concave up parabola  **10.** where the parabola crosses the y-axis  **11.** the form of the equation: y = a(x-h)^2+k | **Down**  **1.** the form of the equation: y = a(x-b)(x-c)  **3.** vertical line that splits the parabola in half  **4.** where the parabola crosses the x-axis  **8.** the minimum or maximum point of a parabola |

   vertex       x intercept       yintercept       line of symmetry       factored form       vertex form       standard form       parabola       maximum       minimum       roots