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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