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

Algebra 2 Vocabulary

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|  |  |  |  |  |  |  | 1R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  E |  | 2N |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  C |  |  O |  |  |  | 3D |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  I |  |  S |  |  |  |  I |  |  |  |  |  |  |  |  |  | 4T |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  P |  |  O |  |  |  |  S |  |  |  |  | 5Y |  |  |  |  |  W |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  R |  |  L |  |  |  |  C |  |  |  |  |  I |  |  |  | 6P |  O |  W |  E |  R |  |  |  |
|  |  |  |  |  |  |  |  O |  |  U |  | 7N |  |  R |  |  |  |  |  N |  |  |  |  |  I |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  C |  |  T |  |  A |  |  I |  |  |  |  | 8T |  R |  I |  N |  O |  M |  I |  A |  L |  |  |  |
|  |  |  |  |  | 9V |  |  A |  |  I |  |  T |  |  M |  |  |  |  |  E |  |  |  |  |  A |  |  |  |  |  |  |
|  | 10T |  W |  O |  R |  E |  A |  L |  S |  O |  L |  U |  T |  I |  O |  N |  S |  |  R |  |  |  |  |  G |  |  |  |  |  |  |
|  |  |  |  |  |  R |  |  |  |  N |  |  R |  |  N |  |  |  |  |  C |  |  |  |  |  I |  |  |  |  |  |  |
|  |  |  |  |  |  T |  |  |  |  |  |  A |  |  A |  |  | 11B |  |  E |  |  | 12T |  |  N |  | 13I |  |  |  |  |
|  |  |  |  |  |  E |  |  |  | 14B |  |  L |  |  N |  |  |  I |  |  P |  |  |  E |  |  A |  |  M |  |  |  |  |
|  |  | 15I |  |  |  X |  |  | 16P |  A |  R |  E |  N |  T |  F |  U |  N |  C |  T |  I |  O |  N |  |  R |  |  A |  |  |  |  |
|  |  |  N |  |  |  |  |  |  |  S |  |  X |  |  |  |  |  O |  |  |  |  |  |  |  Y |  |  G |  |  |  |  |
|  |  |  F |  |  | 17A |  |  |  |  E |  |  P |  | 18A |  S |  Y |  M |  P |  T |  O |  T |  E |  |  S |  |  I |  |  |  |  |
|  |  |  I |  |  |  X |  |  |  |  |  |  O |  |  |  |  |  I |  |  |  |  |  |  |  O |  |  N |  |  |  |  |
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|  |  |  I |  |  |  S |  | 20O |  N |  E |  R |  E |  A |  L |  S |  O |  L |  U |  T |  I |  O |  N |  |  U |  |  R |  |  |  |  |
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|  |  |  E |  |  |  F |  |  | 21S |  Y |  N |  T |  H |  E |  T |  I | 22C |  D |  I |  V |  I |  S |  T |  I |  O |  N |  |  |  |  |
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|  |  |  T |  | 24V |  E |  R |  T |  E |  X |  F |  O |  R |  M |  |  |  G |  |  |  | 25X |  I |  N |  T |  E |  R |  C |  E |  P |  T |
|  |  |  I |  |  |  T |  |  |  |  |  |  |  |  |  |  |  A |  |  |  |  |  O |  |  |  |  |  |  |  |  |
|  | 26L |  O |  G |  A |  R |  I |  T |  H |  M |  I |  C |  F |  U |  N |  C |  T |  I |  O |  N |  |  N |  |  |  |  |  |  |  |  |
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| **Across****6.** The inverse of a square root**8.** An expression with three terms**10.** When the discriminant is a positive number**16.** The most basic function in a family of functions**18.** The imaginary line that the graph approaches and never touches**20.** When the discriminant is zero**21.** The non-real way of doing division of polynomials**23.** An expression with one term**24.** y=a(x-h)+k**25.** The point or points where a Quadratic crosses the X-axis**26.** The inverse of an Exponential Function | **Down****1.** The inverse or flip of a number**2.** Two parallel lines**3.** The part under the square root in the Quadratic Formula**4.** When the discriminant is a negative number**5.** The point where a graph crosses the Y-axis**7.** The inverse of a Natural Logarithm**9.** The highest or lowest point on a graph**11.** An expression with two terms**12.** The common base of a Logarithm**13.** The negative of a square root**14.** The bottom of a Logarithmic or an Exponential Function**15.** Two lines that are exactly the same**17.** The line that reflects a graph in half**19.** The point where two lines intersect**22.** The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of 3 + 2i is 3 - 2i |

   Vertex       Logarithmic Function       Parent Function       Power       Ten       X Intercept       Asymptote       Natural Exponential       Base       Binomial       Trinomial       Monomial       Reciprocal       Vertex Form       Synthetic Divistion       Imaginary Number       Discriminant       Axis of Symmetry       Two Real Solutions       One Real Solution       Two Imaginary Solutions       Y Intercept       One Solution       No Solution       Infinite Solutions       Conjugate