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| Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Given the graph below:  1) When x = -2, f(x) = \_\_\_\_\_\_\_\_\_\_\_.   2) When f(x) = 12, x = \_\_\_\_\_\_\_\_\_\_\_.  3) The y-intercept for this graph is \_\_\_\_\_\_  4) Is this graph a function?  Circle yes or no  5) This graph has one of these.  Circle maximum or minimum.  Give the value of its maximum or minimum.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  6) The x-intercept(s) for this graph is/are  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  7) The axis of symmetry for this graph is  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  8) The domain for this graph is \_\_\_\_\_\_\_\_\_.  9) The range for this graph is \_\_\_\_\_\_\_\_\_\_.  10) The parent function for this graph is  Circle one of these.  y = x2 y = x y = |x| y = 2x  11) Write the equation for this graph.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Given the graph below:  1) When x = -2, f(x) = \_\_\_\_\_\_\_\_\_\_\_.   2) When f(x) = 12, x = \_\_\_\_\_\_\_\_\_\_\_.  3) The y-intercept for this graph is \_\_\_\_\_\_  4) Is this graph a function?  Circle yes or no  5) This graph has one of these.  Circle maximum or minimum.  Give the value of its maximum or minimum.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  6) The x-intercept(s) for this graph is/are  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  7) The axis of symmetry for this graph is  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  8) The domain for this graph is \_\_\_\_\_\_\_\_\_.  9) The range for this graph is \_\_\_\_\_\_\_\_\_\_.  10) The parent function for this graph is  Circle one of these.  y = x2 y = x y = |x| y = 2x  11) Write the equation for this graph.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |