**Algebra 2 Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4.2 Assignment p233**

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| **14.** | **15.** | **16.** |
| **17.** | **18.** | **19.** |

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| **20.**  |

**Use the calculator graph and find the roots. Round to the nearest hundredth is necessary.**

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| **41.** | **42.** | **46.** |

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| **58.** | **59.** | **60.** |

**Graph the quadratic function by make a table to 5 values and then state the following:**

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| --- | --- |
| X | Y |
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**1.** **a. y-intercept : \_\_\_\_\_\_\_\_****b.  : \_\_\_\_\_\_\_\_****c. vertex : \_\_\_\_\_\_\_\_****d. AOS : \_\_\_\_\_\_\_\_****e. minimum or maximum? : \_\_\_\_\_\_\_\_****f. value of minimum or maximum : \_\_\_\_\_\_\_\_****g. Domain : \_\_\_\_\_\_\_\_****h. Range : \_\_\_\_\_\_\_\_** |
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| X | Y |
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**2.** **a. y-intercept : \_\_\_\_\_\_\_\_****b.  : \_\_\_\_\_\_\_\_****c. vertex : \_\_\_\_\_\_\_\_****d. AOS : \_\_\_\_\_\_\_\_****e. minimum or maximum? : \_\_\_\_\_\_\_\_****f. value of minimum or maximum : \_\_\_\_\_\_\_\_****g. Domain : \_\_\_\_\_\_\_\_****h. Range : \_\_\_\_\_\_\_\_** |
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| X | Y |
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**3.** **a. y-intercept : \_\_\_\_\_\_\_\_****b.  : \_\_\_\_\_\_\_\_****c. vertex : \_\_\_\_\_\_\_\_****d. AOS : \_\_\_\_\_\_\_\_****e. minimum or maximum? : \_\_\_\_\_\_\_\_****f. value of minimum or maximum : \_\_\_\_\_\_\_\_****g. Domain : \_\_\_\_\_\_\_\_****h. Range : \_\_\_\_\_\_\_\_** |