QUADRATIC FUNCTIONS

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| Standard Form: |  Ax2 + Bx + C = yEx: 2x2 + 3x + 4 = y or -3x2 - 5x - 1 = yA= B= C= A= B= C=

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| **A.** | A > 0Vertex: maximum or minimumVertex: ( , )Minimum = \_\_\_\_\_\_\_\_\_ |
| **B.** | A < 0Vertex: maximum or minimumVertex: ( , )Maximum = \_\_\_\_\_\_\_\_\_ |

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| **A.** | Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **B.** | Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| A > 0 or A < 0Vertex: minimum or maximumVertex: ( , )Minimum/Maximum = \_\_\_\_\_\_\_\_\_Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| A > 0 or A < 0Vertex: minimum or maximumVertex: ( , )Minimum/Maximum = \_\_\_\_\_\_\_\_\_Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| A > 0 or A < 0Vertex: minimum or maximumVertex: ( , )Minimum/Maximum = \_\_\_\_\_\_\_\_\_Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
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