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| **Example 1:** Sketch the graph of y = x2 – 1  a = \_\_\_\_\_\_\_\_ b = \_\_\_\_\_\_\_\_ c = \_\_\_\_\_\_\_\_  Vertex: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  AOS: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Y-Int: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Roots: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Opens: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_     |  |  | | --- | --- | | **x** | **y** | |  |  | |  |  | |  |  | |  |  | |  |  | |
| **Example 2:** Sketch the graph of y = –x2 +4x - 4  a = \_\_\_\_\_\_\_\_ b = \_\_\_\_\_\_\_\_ c = \_\_\_\_\_\_\_\_  Vertex: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  AOS: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Y-Int: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Roots: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Opens: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_     |  |  | | --- | --- | | **x** | **y** | |  |  | |  |  | |  |  | |  |  | |  |  | |
| **Example 3:** Sketch the graph of y = 2x2 + 8x  a = \_\_\_\_\_\_\_\_ b = \_\_\_\_\_\_\_\_ c = \_\_\_\_\_\_\_\_  Vertex: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  AOS: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Y-Int: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Roots: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Opens: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_     |  |  | | --- | --- | | **x** | **y** | |  |  | |  |  | |  |  | |  |  | |  |  | |



