**4A.2 – HWK -Radical Characteristics Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**GSE Algebra II Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Sketch the graph and fill in the chart for each. Make a chart of your points by each graph.**

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| Starting Pt: | Inc or Dec: |
| Domain:  | Range: |
| Abs. Max or Abs Min: |  |
| End Behavior: |

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| Starting Pt: | Inc or Dec: |
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| Abs. Max or Abs Min: |  |
| End Behavior:  |

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| Starting Pt: | Inc or Dec: |
| Domain:  | Range: |
| Abs. Max or Abs Min: |  |
| End Behavior: |

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| **Write the equation of the radical with the given transformations.** |
| 1. Compressed vertically by 2/3 , reflected over the x-axis, left 31, and down 24.
 | 1. Compressed horizontally by ½ , reflected over the x-axis, right 29, and up 87.
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