**Math 30-1 Chapter 2 Radical Functions and Graphs Concept Review**

Graph and analyze radical functions (limited to functions involving one radical).

2.1 Radical Functions and Transformations

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| Objective | What it looks like |
| Sketch the graph of the function , using a table of values, and state the domain and range. | |  |  | | --- | --- | | x | y | |  |  | |  |  | |  |  | |  |  |     Use both Set builder notation and interval notation to describe  Domain Range |
| Sketch the graph of the function by applying transformations to the graph of the function *y* = *x* , and state the domain and range. | Describe the sequence of transformation involve when  is transformed to .  List the domain and range of using both set builder notation and interval notation.  The point (144, 12) is on the graph of *.* What are the coordinates of the image point of (144, 12) on the graph of ?  The point (6, -14) is on the graph of *,* what are the coordinates of the original point on ? |
|  | Write the equation of the graph  vertical stretch horizontal stretch  PC12 BLM tech art 2-2-1 |

