Graph each function, and identify its domain and range, as well as the transformations.

1.  2. 

 ** **

 Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Use the description to write the square root function **g**.

 3. The parent function  is reflected across the y-axis, vertically stretched by a factor of 7, and

 Translated 3 units down.

 4. The parent function  is translated 2 units right, compressed horizontally by a factor of  and reflected across the x-axis.

Graph each function, and identify its domain and range, as well as the transformations.

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 Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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