**2.6 Graphs of Basic Functions**

**CLASSROOM EXAMPLE 1 Graphing Basic Functions**

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| **(a)** **Identity Function**  Domain: \_\_\_\_\_\_\_\_\_\_  Range: \_\_\_\_\_\_\_\_\_\_ | Dotted_grid_full_10_X_10 |
| **(b) Squaring Function**  Domain: \_\_\_\_\_\_\_\_\_\_  Range: \_\_\_\_\_\_\_\_\_\_ | Dotted_grid_full_10_X_10 |
| **Cubing Function**  Domain: \_\_\_\_\_\_\_\_\_\_  Range: \_\_\_\_\_\_\_\_\_\_ | Dotted_grid_full_10_X_10 |

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| **Square Root Function**  Domain: \_\_\_\_\_\_\_\_\_\_  Range: \_\_\_\_\_\_\_\_\_\_ | Dotted_grid_full_10_X_10 |
| **Cube Root Function**  Domain: \_\_\_\_\_\_\_\_\_\_  Range: \_\_\_\_\_\_\_\_\_\_ | Dotted_grid_full_10_X_10 |
| **Absolute Value Function**  Domain: \_\_\_\_\_\_\_\_\_\_  Range: \_\_\_\_\_\_\_\_\_\_ | Dotted_grid_full_10_X_10 |