**2.7 Graphing Techniques**

**CLASSROOM EXAMPLE 1 Stretching or Shrinking Graphs**

|  |  |
| --- | --- |
| **(a)**  Dotted_grid_full_10_X_10 | **(b)**  Dotted_grid_full_10_X_10 |

**CLASSROOM EXAMPLE 2 Reflecting Graphs Across Axes**

|  |  |
| --- | --- |
| **(a)**  Dotted_grid_full_10_X_10 | **(b)**  Dotted_grid_full_10_X_10 |

**CLASSROOM EXAMPLE 6-7** **Translating a Graph**

|  |  |
| --- | --- |
| **(a)**  Dotted_grid_full_10_X_10 | **(b)**  Dotted_grid_full_10_X_10 |

**CLASSROOM EXAMPLE 8** **Using More Than One Transformation**

Graph each function.

|  |  |
| --- | --- |
| **(a)**  Dotted_grid_full_10_X_10 | **(b)**  Dotted_grid_full_10_X_10 |
| **(c)**  Dotted_grid_full_10_X_10 | **(d)**  Dotted_grid_full_10_X_10 |