|  |  |
| --- | --- |
| **Notes: Linear Parent Function:**  Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_/\_\_\_/\_\_\_  **Transformation from the Parent function**  Effects on Slope | |
| https://lh4.googleusercontent.com/kbckhgrrAThzzuur5kZ8tu0ARWI8cr3jZpynC7GKwNPriCGSSK1AElDSawFi09Xs0bGc6VzGA9qUPmidm9XeARdPfAJ5ySl5lmbLOtFvM6qrr3oQaDIrDKRj_KAJoDU4YgxTFWPv  **Written in Slope - Intercept Form:**                        m=\_\_\_\_\_\_\_     b=\_\_\_\_\_\_\_\_\_\_  **a** | |
| **g(x)**:  **Steeper          Less Steep         Same Steepness**  https://lh5.googleusercontent.com/iugUOl8HP9ZQqprUl2iMXwpYKeNjcD10543AEt-Ypjilc9QUtUFExu-snwnz8dmBYk1BRXJnotb9oh86xw8MdPl0Bk7pWOlnqhQ2cn1lKM8VH02Zd2FHfTiJAOXzu4TpaEtDUkkIreflection | **g(x)**:  **Steeper          Less Steep         Same Steepness**  reflection  https://lh5.googleusercontent.com/iugUOl8HP9ZQqprUl2iMXwpYKeNjcD10543AEt-Ypjilc9QUtUFExu-snwnz8dmBYk1BRXJnotb9oh86xw8MdPl0Bk7pWOlnqhQ2cn1lKM8VH02Zd2FHfTiJAOXzu4TpaEtDUkkI |
| **g(x)**:  **Steeper          Less Steep         Same Steepness**  reflection | **g(x)**:  **Steeper          Less Steep         Same Steepness**  reflection |
| **g(x)**:  **Steeper          Less Steep         Same Steepness**  https://lh5.googleusercontent.com/GLjp8hT1w_MDUgLQ284aIHvt4zIYJdLTNx3Oi9pXT8V9VSz98yOVP0X8aJOArsvg-4003OFu9rqCg0z7aPwAGRb54fVEwR7gPfLuVqlMznpB6mQvK4brXiFHZ6O5SkWKYkp0uPrdreflection | **g(x)**:  **Steeper          Less Steep         Same Steepness**  https://lh5.googleusercontent.com/GLjp8hT1w_MDUgLQ284aIHvt4zIYJdLTNx3Oi9pXT8V9VSz98yOVP0X8aJOArsvg-4003OFu9rqCg0z7aPwAGRb54fVEwR7gPfLuVqlMznpB6mQvK4brXiFHZ6O5SkWKYkp0uPrdreflection |
| **g(x) translates**:  **Up Down Left Right**    Same steepness and shifted \_\_\_\_ units | **g(x) translates**:  **Up Down Left Right**    Same steepness and shifted \_\_\_\_ units |
| **g(x) translates**:  **Up Down Left Right**      Same steepness and shifted \_\_\_\_ units | **g(x) translates**:  **Up Down Left Right**      Same steepness and shifted \_\_\_\_ units |