1. If \( f(t) = t^2 - 2 \) and \( g(t) = t + 3 \) find \( f(t + 1) \), \( f(t) + 1 \), \( f(g(t)) \), and \( g(f(t)) \).

2. Multiplying by a constant cause the graph to

3. \( f(x) + k \) moves the graph of \( f(x) \) ________

4. \( f(x - h) \) moves the graph of \( f(x) \) ________
5. A negative multiplied by the function will

\[ -f(x) \]

\[ -f(x) - f(x) - f(x) + 1 \]

6. Draw \( 2f(x - 2) + 1 \) for the given \( f(x) \)

7. Write the equation for the graph on the right, if \( f(x) \) is the first graph.