

2. (a) $g(-4) = 3$; $g(-2) = 2$; $g(0) = -2$; $g(2) = 1$; $g(4) = 0$.

(b) Domain: $[-4, 4]$. Range: $[-2, 3]$.

4. (a) $f(0.5) \approx 1.2$

(b) $f(3) \approx 2.1$

(c) $x = 0.4$ and $x = 3.6$ are the only solutions to the equation $f(x) = 1$.