

Examples: Putting Quadratics into the $f(x) = a(x - h)^2 + k$ Form

Examples Put the following quadratic functions into $f(x) = a(x - h)^2 + k$ form:

a. $f(x) = \frac{1}{2}x^2 + x - 3$

b. $g(x) = -\frac{1}{3}x^2 + 4x - 2$

c. $y = x^2 + 3x + 2$