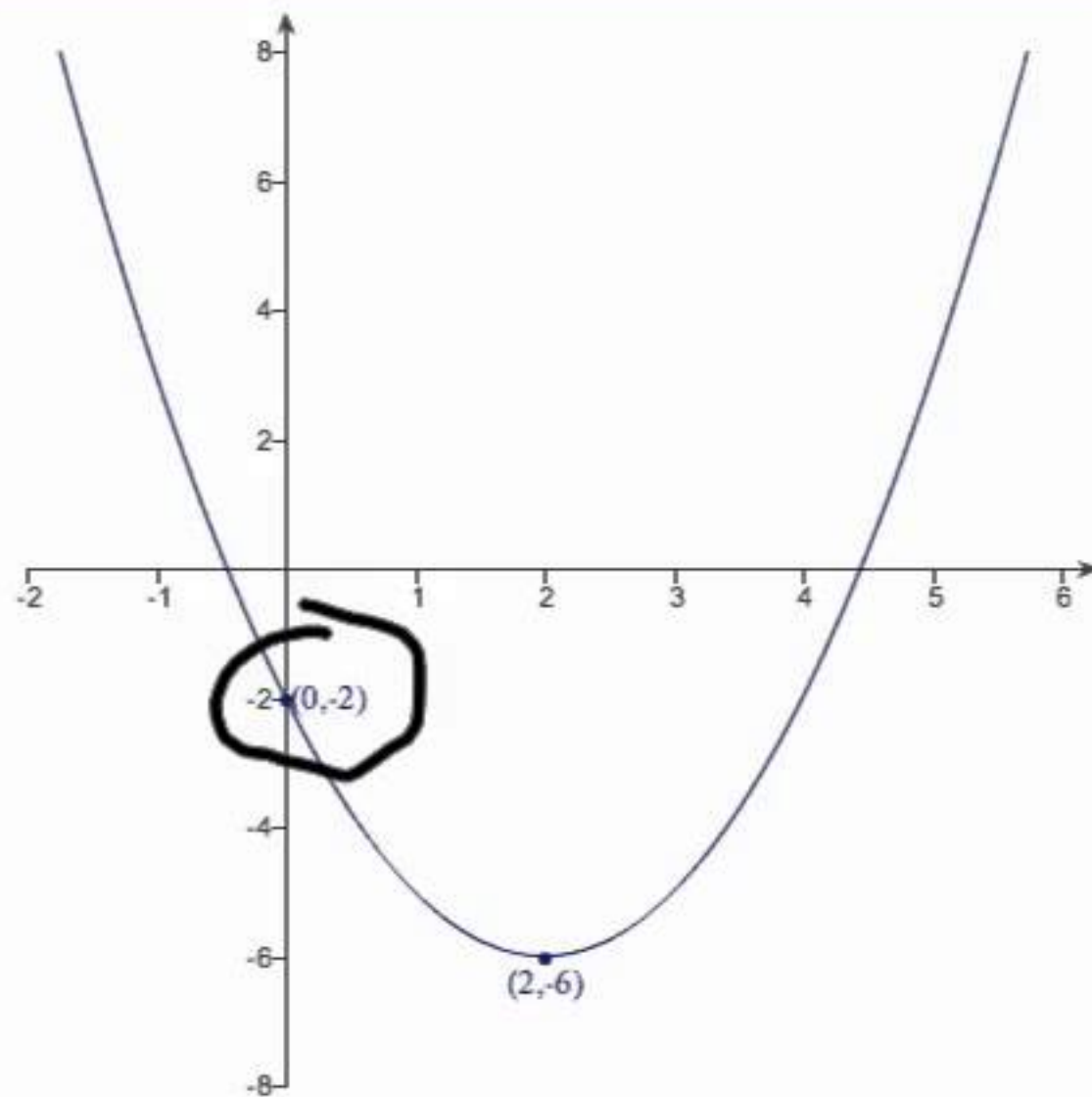




Determine the quadratic function f whose graph is given.

The vertex is $(2, -6)$ and the y -intercept is -2 .

$f(x) = \square$ (Simplify your answer.)



$$f(x) = a(x-2)^2 - 6$$

$$f(2) = 0 - 6 = -6$$

$$f(0) = -2$$

$$f(0) = a(-2)^2 - 6$$

$$f(0) = 4a - 6$$