

11 (a) $f(x) = 0.5x^2 - 4x + 5$ is a quadratic function as shown in *Figure 11*.

(b) For $a = 2$, $f(2) = 0.5(2)^2 - 4(2) + 5 = 2 - 8 + 5 = -1$.

$[-10, 10, 1]$ by $[-10, 10, 1]$

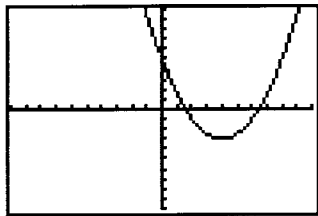


Figure 11