

Evaluating Quadratic Functions

T2ES1

Evaluate each quadratic function for the given x -value.

1) $f(x) = (x - 7)^2 + 4$ at $x = -6$

2) $f(x) = 5x^2 - 2x + 1$ at $x = 4$

3) $f(x) = x^2 - 14x$

$- 13x - 3$ at $x = -1$

5) $f(x) = 3x^2 - 4x$

$)(x - 2)$ at $x = 9$

7) $f(x) = 2(x + 3)$

at $x = 0$

9) $f(x) = (-x + 2)(x - 15)$ at $x = -10$

10) $f(x) = -x^2 + 7x + 10$ at $x = -8$

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