

Name : _____

Evaluating Quadratic Functions

T2MS2

Evaluate each quadratic function for the given x -value.

1) $f(x) = (9x - 2)^2 - 4$ at $x = 0.5$

2) $f(x) = 5(x - 7)(x - 3)$ at $x = \frac{4}{5}$

3) $f(x) = 5x^2 - 19$

$5x - 1$ at $x = -2.4$

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

$12)^2 - 7$ at $x = -\frac{2}{3}$

7) $f(x) = 6x^2 - 17$

$x + 15$ at $x = 7.2$

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9) $f(x) = (x - 14)(x + 7)$ at $x = -1.1$

10) $f(x) = -x^2 + 2x - 6$ at $x = \frac{3}{7}$