

Evaluating Quadratic Functions

A) Evaluate each function at the specified value. Round your answer to the nearest tenth.

1) $f(x) = \frac{1}{3}x^2 + 8x$; $x = 3$

2) $f(x) = -4x^2 + 11$; $x = -7.5$

B) Evaluate each function. Round your answer to the nearest tenth.

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

7) ; find $f(5)$

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C) If $f(x) = 3x - 12x^2$; find $f(x)$ at the nearest tenth.

1) $f\left(\frac{1}{4}\right) =$ _____

3) $f(3.9) =$ _____

D) If $f(x) = x^2$; find the

1) $-f(-6) - 5f(1.2)$

t tenth.

l.1)

E) What is the value of $f(2)$, if $f(x) = \frac{6}{5}x(x + 4)$

i) $\frac{2}{5}$

ii) $\frac{19}{5}$

iii) 14

iv) $\frac{72}{5}$