

Name: _____

Evaluating Functions

L1MS3

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

1) $f(x) = -2 + 5x$; $x = -8.7$

2) $f(x) = x^3 - 9x^2 + \frac{6}{7}$; $x = -1$

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

1) $f(x) = 7x^2 + 4x - 9$; find $f(5.4)$

2) $f(x) = -6x - 8$; find $f\left(-\frac{7}{9}\right)$

C) If $f(x) = -4x^2 - 6x$; find

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nearest tenth.

1) $f(4.3) =$ _____

3) $f\left(-\frac{5}{2}\right) =$ _____

D) If $f(x) = x^4 - 5x - 1$;

1) $9f\left(-\frac{1}{3}\right) + f(0)$

nearest tenth.

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E) What is the value of $f(-6)$, if $f(x) = -5.9x + 7.3$?

i) 42.7

ii) 32.3

iii) -28.1

iv) -36.7