

Evaluating Linear Functions

A) Evaluate each function at the specified value.

1) $f(x) = 7x - 3.1$; $x = 1.5$

2) $f(x) = \frac{5}{3} + \frac{8}{9}x$; $x = -3$

B) Evaluate each function.

1) $f(x) = -\frac{2}{7}x$; find

x ; find $f(2.2)$

C) If $f(x) = -x + 13$; find

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1) $f(-4.3) =$ _____

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

D) If $f(x) = \frac{-1 - 4x}{5}$; find

1) $f(6) + 10f\left(-\frac{1}{2}\right)$

E) What is the value of $f\left(-\frac{2}{3}\right)$, if $f(x) = 5x + 3$?

i) $\frac{1}{3}$

ii) $-\frac{2}{3}$

iii) $-\frac{1}{3}$

iv) $\frac{2}{3}$

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Evaluating Linear Functions

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7.4

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-1

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$\frac{1}{4}$

x ; find $f(2.2)$

.4

C) If $f(x) = -x + 13$; find

1) $f(-4.3) =$ _____

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

$\frac{79}{6}$ or $13\frac{1}{6}$

5.4

D) If $f(x) = \frac{-1 - 4x}{5}$; find

1) $f(6) + 10f\left(-\frac{1}{2}\right)$

-3

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E) What is the value of $f\left(-\frac{2}{3}\right)$, if $f(x) = 5x + 3$?

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