

Evaluating Rational Functions

A) Evaluate each function at the specified value.

1) $f(x) = \frac{-2}{-8x^2 + 1}; x = 0$

2) $f(x) = \frac{x-1}{5-x}; x = -9$

3)

Preview

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B)

1)

3) If $f(x) = \frac{13+x}{19-x}$, find $f(-2)$.

4) If $f(x) = \frac{-4x}{x-5}$, find $f(6)$.

C) What is the value of $f(5)$ if $f(x) = \frac{-x^2 + 3x + 9}{4}$?

i) $\frac{1}{4}$

ii) $\frac{5}{4}$

iii) $-\frac{3}{4}$

iv) $-\frac{1}{4}$