

Evaluating Rational Functions

A) Evaluate each function at the specified value.

1) $f(x) = \frac{x+1}{x^2+x}; x=5$

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

3)

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B)

1)

3) If $f(x) = \frac{10+6x}{2}$, find $f(0)$.

4) If $f(x) = \frac{-x}{6-x}$, find $f(9)$.

C) What is the value of $f(3)$ if $f(x) = \frac{8x}{x+1}$?

i) -4

ii) 6

iii) 4

iv) -6