

Name: _____

Evaluating Functions

L2S2

A) Evaluate each function at the specified value.

1) $f(x) = -4^{2x} + 8$; $x = 2$

2) $f(x) = \frac{10}{x^2 - 5}$; $x = -5$

B) Evaluate each function.

1) $f(x) = 6\sin x - 12$; find

$f(0)$

C) If $f(x) = \tan^2 x + 4\cos x$

1) $f\left(\frac{\pi}{6}\right) =$ _____

3) $f\left(-\frac{\pi}{4}\right) =$ _____

D) If $f(x) = x^3 - 5x + 10$;

1) $7f(-3) \times f(-2) =$ _____

3) $f(5) - 3f(4) =$ _____

4) $f(7) + 2f(-6) =$ _____

E) What is the value of $f(3)$, if $f(x) = 8 \cdot (1)^{-x}$?

i) 8

ii) 64

iii) 4

iv) 16

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com