



Evaluating Functions

Name _____

Score _____

EF:08

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

2) $f(x) = 2x^3 - 4x^2 + 1$; Find $f(-1)$

3) $f(x) = -4x^2$; Find $f(10)$

4) $f(x) = \frac{(x + 3)}{x - 4}$; Find $f(3)$

5) $f(x) = 4x^2 - x - 5$; Find $f(-6)$

6) $f(x) = \frac{x + 11}{x^2 - x + 3}$; Find $f(-11)$

7) $f(x) = -x(x^2 + 5)$; Find $f(4)$

8) $f(x) = x^3 - 1$; Find $f(2)$



Evaluating Functions

Name _____

Score _____

Answer key

EF:08

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

-162

2) $f(x) = 2x^3 - 4x^2 + 1$; Find $f(-1)$

-5

3) $f(x) = -4x^2$; Find $f(10)$

-400

4) $f(x) = \frac{(x + 3)}{x - 4}$; Find $f(3)$

-6

5) $f(x) = 4x^2 - x - 5$; Find $f(-6)$

145

6) $f(x) = \frac{x + 11}{x^2 - x + 3}$; Find $f(-11)$

0

7) $f(x) = -x(x^2 + 5)$; Find $f(4)$

-84

8) $f(x) = x^3 - 1$; Find $f(2)$

7