



Evaluating Functions

Name _____

Score _____

EF:07

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

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

3) $f(x) = \frac{x(x+1)}{x}$; Find $f(-3)$

4) $f(x) = 5x^2$; Find $f(9)$

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

6) $f(x) = x^3 + 3x - 4$; Find $f(-6)$

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

8) $f(x) = \frac{x^2 + x - 7}{x - 4}$; Find $f(1)$



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Answer key

EF:07

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

30

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

0

3) $f(x) = \frac{x(x+1)}{x}$; Find $f(-3)$

-2

4) $f(x) = 5x^2$; Find $f(9)$

405

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

21

6) $f(x) = x^3 + 3x - 4$; Find $f(-6)$

-238

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

-4

8) $f(x) = \frac{x^2 + x - 7}{x - 4}$; Find $f(1)$

$\frac{5}{3}$