



Evaluating Functions

Name _____

Score _____

EF:II:09

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

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

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

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

5) $p(x) = 5x^2$; Find $p(9)$

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

7) $g(x) = x^2 + 3x + 2$; Find $g(4)$

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



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Score _____

Answer key

EF:II:09

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

-4

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

-2

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

-230

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

0

5) $p(x) = 5x^2$; Find $p(9)$

405

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

$\frac{5}{3}$

7) $g(x) = x^2 + 3x + 2$; Find $g(4)$

30

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

21