



Evaluating Functions

Name _____

Score _____

EF:II:07

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

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

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

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

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

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

7) $g(x) = -4x^2$; Find $g(10)$

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



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Answer key

EF:II:07

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

7

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

-6

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

0

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

-162

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

-84

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

-5

7) $g(x) = -4x^2$; Find $g(10)$

-400

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

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