



Evaluating Functions

Name _____

Score _____

EF:II:11

1) If $g(x) = -x^3$, then find the following.

a) $g(-1)$

b) $g(2)$

c) $g(-4)$

d) $g(3)$

2) If $p(x) = (x + 5)(2x - 3)$, then find the following.

a) $p(4)$

b) $p(9)$

c) $p(-3)$

d) $p(-6)$

3) If $h(x) = x^2 + 4x - 6$, then find the following.

a) $h(0)$

b) $h(-6)$

c) $h(8)$

d) $h(-10)$

4) If $f(x) = -7 - x$, then find the following.

a) $f(-7)$

b) $f(-4)$

c) $f(1)$

d) $f(11)$



Evaluating Functions

Answer key

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Score _____

EF:II:11

1) If $g(x) = -x^3$, then find the following.

a) $g(-1)$

1

b) $g(2)$

-8

c) $g(-4)$

64

d) $g(3)$

-27

2) If $p(x) = (x + 5)(2x - 3)$, then find the following.

a) $p(4)$

45

b) $p(9)$

210

c) $p(-3)$

-18

d) $p(-6)$

15

3) If $h(x) = x^2 + 4x - 6$, then find the following.

a) $h(0)$

-6

b) $h(-6)$

6

c) $h(8)$

90

d) $h(-10)$

54

4) If $f(x) = -7 - x$, then find the following.

a) $f(-7)$

0

b) $f(-4)$

-3

c) $f(1)$

-8

d) $f(11)$

-18