



Evaluating Functions

Name _____

Score _____

EF:11

1) If $f(x) = 3x(x^2 - 18)$, then find the following.

a) $f(5)$

b) $f(0)$

c) $f(-4)$

d) $f(-1)$

2) If $f(x) = 5(5 - x)$, then find the following.

a) $f(-1)$

b) $f(-2)$

c) $f(9)$

d) $f(5)$

3) If $f(x) = 2x^2 + x + 1$, then find the following.

a) $f(3)$

b) $f(-4)$

c) $f(1)$

d) $f(-6)$

4) If $f(x) = \frac{2x-7}{3}$ then find the following.

a) $f(2)$

b) $f(-1)$

c) $f(5)$

d) $f(-9)$



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Answer key

EF:11

1) If $f(x) = 3x(x^2 - 18)$, then find the following.

a) $f(5)$

b) $f(0)$

c) $f(-4)$

d) $f(-1)$

105

0

24

51

2) If $f(x) = 5(5 - x)$, then find the following.

a) $f(-1)$

b) $f(-2)$

c) $f(9)$

d) $f(5)$

30

35

-20

0

3) If $f(x) = 2x^2 + x + 1$, then find the following.

a) $f(3)$

b) $f(-4)$

c) $f(1)$

d) $f(-6)$

22

29

4

67

4) If $f(x) = \frac{2x-7}{3}$ then find the following.

a) $f(2)$

b) $f(-1)$

c) $f(5)$

d) $f(-9)$

-1

-3

1

$\frac{25}{3}$