

## Function Notation Practice

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**Evaluate each function.**

1)  $h(n) = 3n$ ; Find  $h(6)$

2)  $g(t) = 3t + 4$ ; Find  $g(-3)$

3)  $w(n) = -2n - 2$ ; Find  $w(9)$

4)  $w(x) = -3x - 4$ ; Find  $w(7)$

5)  $f(n) = 2n - 5$ ; Find  $f(-8)$

6)  $g(n) = n^2 + 2$ ; Find  $g(3)$

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

8)  $f(x) = x^3 + x^2$ ; Find  $f(-6)$

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

10)  $w(x) = -3x^2 - x$ ; Find  $w(-4)$

11)  $h(n) = 2n - 2$ ; Find  $h(-3n)$

12)  $h(x) = 4x + 3$ ; Find  $h(x - 1)$

13)  $g(n) = -2n^2 + 4 + 2n$ ; Find  $g(y - 1)$

## Function Notation Practice

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**Evaluate each function.**

1)  $h(n) = 3n$ ; Find  $h(6)$

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2)  $g(t) = 3t + 4$ ; Find  $g(-3)$

-5

3)  $w(n) = -2n - 2$ ; Find  $w(9)$

-20

4)  $w(x) = -3x - 4$ ; Find  $w(7)$

-25

5)  $f(n) = 2n - 5$ ; Find  $f(-8)$

-21

6)  $g(n) = n^2 + 2$ ; Find  $g(3)$

11

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

4

8)  $f(x) = x^3 + x^2$ ; Find  $f(-6)$

-180

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

-2

10)  $w(x) = -3x^2 - x$ ; Find  $w(-4)$

-44

11)  $h(n) = 2n - 2$ ; Find  $h(-3n)$

$-6n - 2$

12)  $h(x) = 4x + 3$ ; Find  $h(x - 1)$

$4x - 1$

13)  $g(n) = -2n^2 + 4 + 2n$ ; Find  $g(y - 1)$

$-2y^2 + 6y$