

## Evaluating Functions

**Evaluate each function.**

1)  $k(t) = t^2 - 3 - t$ ; Find  $k(5)$

2)  $w(x) = 2x^2 - 2x$ ; Find  $w(-2)$

3)  $f(n) = 3n^2 + 3n$ ; Find  $f(-4)$

4)  $h(n) = -2n^2 + n$ ; Find  $h(3)$

5)  $g(n) = n^2 + 2 + 2n$ ; Find  $g(-8)$

6)  $h(n) = n^3 - 4n^2 - 2n$ ; Find  $h(-3)$

7)  $h(a) = -a^2 + 3 + 2a$ ; Find  $h(6)$

8)  $k(x) = x^2 + x$ ; Find  $k(-10)$

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

10)  $g(n) = n^3 - 5n^2$ ; Find  $g(-1)$

## Evaluating Functions

**Evaluate each function.**

1)  $k(t) = t^2 - 3 - t$ ; Find  $k(5)$

17

2)  $w(x) = 2x^2 - 2x$ ; Find  $w(-2)$

12

3)  $f(n) = 3n^2 + 3n$ ; Find  $f(-4)$

36

4)  $h(n) = -2n^2 + n$ ; Find  $h(3)$

-15

5)  $g(n) = n^2 + 2 + 2n$ ; Find  $g(-8)$

50

6)  $h(n) = n^3 - 4n^2 - 2n$ ; Find  $h(-3)$

-57

7)  $h(a) = -a^2 + 3 + 2a$ ; Find  $h(6)$

-21

8)  $k(x) = x^2 + x$ ; Find  $k(-10)$

90

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

8

10)  $g(n) = n^3 - 5n^2$ ; Find  $g(-1)$

-6