

*Standard H.2A.5.C3: I can solve equations in function notation*

**Directions:** Solve each function for the requested value.

1. Let  $g(x) = x^2 - 5x + 2$ . Find the following:

a.  $g(-1)$

b.  $g(-2)$

c.  $g(0)$

d.  $g(5)$

2. Let  $f(x) = 2x^2 + 2$ . Find each of the following:

a.  $f(-3)$

b.  $f(6)$

c.  $f(-1)$

d.  $f(4)$

3. Let  $g(x) = x^2 + 4x - 1$ . Find the following:

a.  $g(-4)$

b.  $g(8)$

c.  $g(-1)$

d.  $g(1)$

4. Let  $f(x) = 3x^2 - 5x$ . Find each of the following:

a.  $f(2)$

b.  $f(-8)$

c.  $f(7)$

d.  $f(-1)$