*Evaluating Functions*Name

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

1. Let *g*(*x*) = *x*2 − 5*x* + 2. Find the following:

**a.** *g*(‐1) **b.** *g*(‐2) **c.** *g*(0) **d.** *g*(5)

1. Let *f* (*x*) = 2*x*2 + 2. Find each of the following:

**a.** *f* (‐3) **b.** *f* (6) **c.** *f* (-1) **d.** *f* (4)

1. Let *g*(*x*) = *x*2 + 4*x* − 1. Find the following:

**a.** *g*(‐4) **b.** *g*(8) **c.** *g*(-1) **d.** *g*(1)

1. Let *f* (*x*) = 3*x*2 − 5*x*. Find each of the following:

**a.** *f* (2) **b.** *f* (-8) **c.** *f* (7) **d.** *f* (‐1)

1. Let *g*(*x*) = − 7*x* + 4. Find the following:

**a.** *g*(­5) **b.** *g*(2) **c.** *g*(-1) **d.** *g*(0)

1. Let *f* (*x*) = 3*x*2 − 1. Find each of the following:

**a.** *f* (9) **b.** *f* (‐2) **c.** *f* (5) **d.** *f* (0)

1. Let *g*(*x*) = ‐4*x*2 − 3*x* − 7. Find the following:

**a.** *g*(‐4) **b.** *g*(‐1) **c.** *g*(0) **d.** *g*(3)

1. Let *f* (*x*) = *x*2 − 2*x*. Find each of the following:

**a.** *f* (-5) **b.** *f* (2) **c.** *f* (‐8) **d.** *f* (1)