

1). If $f(x) = -3x^2 + 8$, find $f(-4)$.

$$f(-4) = -40$$

2). If $g(x) = -22 - x$, find $g(-10)$.

$$g(-10) = -12$$

3). If $f(x) = \frac{1}{2}x - 4$, find $f(10)$.

$$f(10) = 1$$

4). If $f(x) = 8 - \frac{x}{-4}$, find $f(-16)$.

$$f(-16) = 4$$

5). If $F(C) = 1.8C + 32$, find $F(25)$.

$$F(25) = 77$$

6). If $g(n) = -12(n + 3)$, find $g(-8)$.

$$g(-8) = 60$$

7). If $f(h) = -h^2 + 25$, find $f(9)$.

$$f(9) = -56$$

8). If $g(n) = -7n + 11$, determine n when $g(n) = 4$.

$$g(1) = 4$$

9). If $g(t) = t^2 + 12$, find $g(4)$.

$$g(4) = 28$$

10). If $f(x) = \frac{1}{3}x + 8$, determine x when $f(x) = 11$.

$$f(9) = 11$$

11). If $f(n) = -6n - 18$, determine n when $f(n) = -6$.

$$f(-2) = -6$$

12). If $g(n) = 1.5n - 18$, determine n when $g(n) = -6$.

$$g(8) = -6$$