Algebra I

8-7

Functions Defined by Equations

Function -

Domain -

Range -

$f(x) = 6x + 3$ $\qquad$ $g(x) = 2x + 1$

$g(2) =$

$f(2) =$

Find the Range of each function. (pg 380)

1) $g : x \longrightarrow 5x + 1$ $\qquad$ $D = \{ -1, 0, 1 \}$

9) $P(z) = z^2 - 5z - 6 \qquad D = \{ 2, 3, 4 \}$

Find the values for each given function with the set of real numbers as the domain.

23) $f : x \longrightarrow x^2 + 3x$

a) $f(7) =$

b) $f(-7) =$

c) $f(-3) =$

For each function (a) find $f(0)$, (b) solve $f(x) = 0$.

29) $f(x) = 3x - 12$

Assignment:
Pg 380
2-34 even