

# Functions

Create a function table. Then identify the domain and range.

1)  $y = 3x$

2)  $y = x - 3$

$x$	$3x$	$y$
0	$3 \cdot 0$	0
1	$3 \cdot 1$	3
2	$3 \cdot 2$	6

$x$	$x - 3$	$y$
3	$3 - 3$	0
5	$5 - 3$	2
7	$7 - 3$	4

D:  $\{0, 1, 2\}$

D:  $\{3, 5, 7\}$

R:  $\{0, 3, 6\}$

R:  $\{0, 2, 4\}$

Write an equation for the function below

3)

$x$	$y$
0	1
1	4
2	7
3	10

$y = 3x + 1$