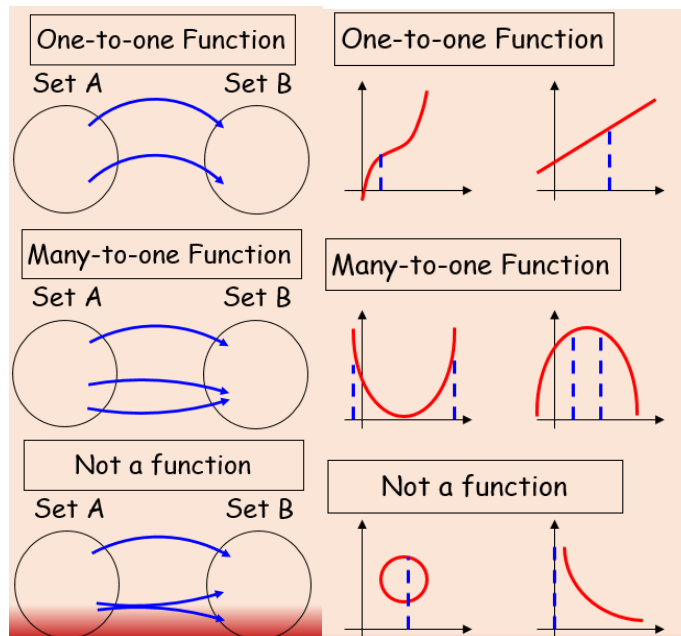
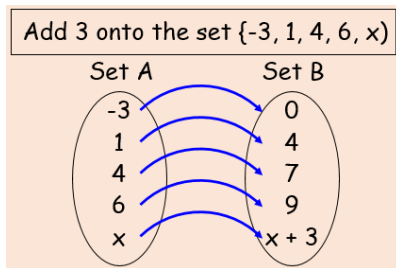


## 2B Part 1 Domains & Ranges



1. Find the range of the following function, and state if it is one-to-one or many-to-one.

a)  $f(x) = 3x - 2$ , domain  $\{x = 1, 2, 3, 4\}$

b)  $f(x) = 3x - 2$ ,  $\{x = 1, 2, 3, 4\}$

c)  $g(x) = x^2$ , domain  $\{x \in \mathbb{R}, -5 \leq x \leq 5\}$

d)  $g(x) = x^2$ ,  $\{-5 \leq x \leq 5\}$

e)  $h(x) = 1/x$ , domain  $\{x \in \mathbb{R}, 0 < x \leq 3\}$

f)  $h(x) = 1/x$ ,  $\{x \in \mathbb{R}, 0 < x \leq 3\}$