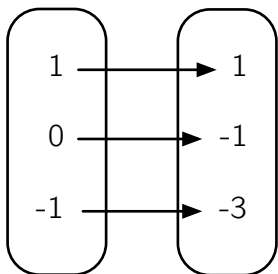


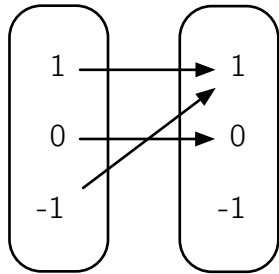
$$y = 2x - 3$$



Domain (x)      Range (y)

*One-to-one*

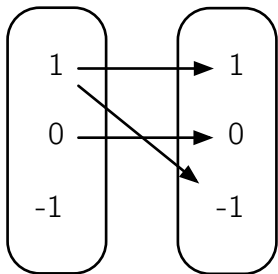
$$y = x^2$$



Domain (x)      Range (y)

*Many-to-one*

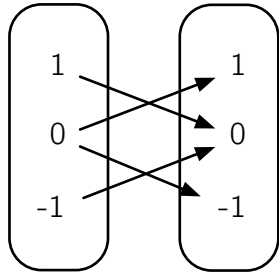
$$y = \pm\sqrt{x}$$



Domain (x)      Range (y)

*One-to-many*

$$y = \pm\sqrt{1 - x^2}$$



Domain (x)      Range (y)

*Many-to-many*