## Warm up

Find the Domain and the Range:
Domain $[-4,3)$
Domain $(-\infty, \infty)$

Range ( $-5,5$ )
Function? no
Range $[0, \infty)$ Function? yes



## 3-3 Transformations of Graphs

Objective: I can determine from a graph whether a function is quadratic, linear, or exponential.

Objective: I can determine domain and range of linear, exponential, and quadratic functions.



What type of function is it and what is the domain and range?
$\mathrm{x}=5$
$y=7 x-3$
Liner
$D:\{5\}$
Linear
$D:(-\infty, \infty)$
$R:(-p, \infty)$



