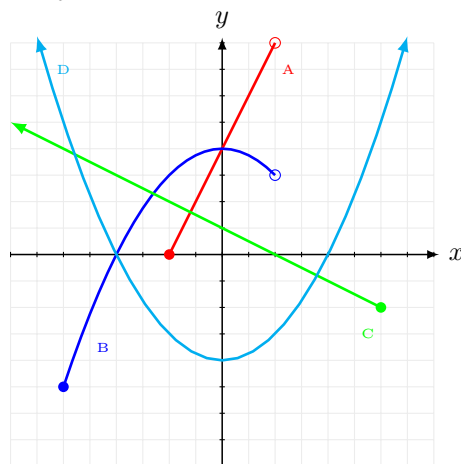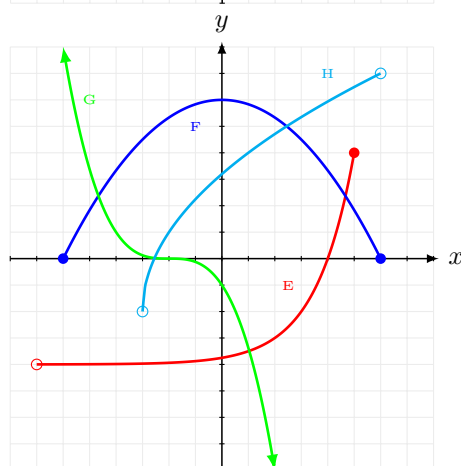# Math 115E Activity 3

Chapter 2 Section 2
What are functions?

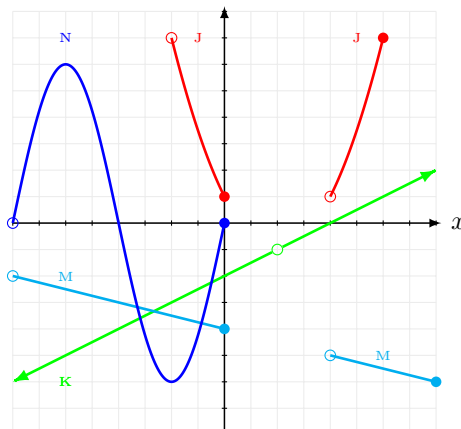**Introduction to Intercepts of a graph and how to identify them**

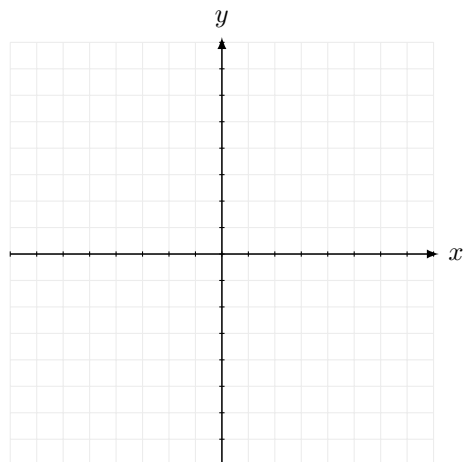1. What is the domain and range for plots (A),(B),(C), and (D)?

2. What is the domain and range for plots (E),(F),(G), and (H)?
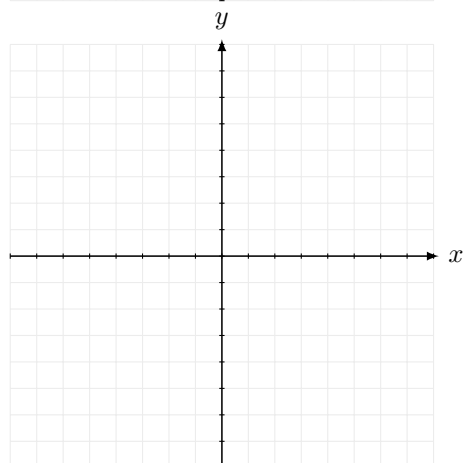

3. What is the domain and range for plots (J),(K),(M), and (N)?

1. Draw your own function that has a Domain
   of $[-3, 6]$ and Range $(-4, 5]$

2. Draw your own function that has a Domain
   of $[-3, 6]$ and Range $(-4, 1) \cup (3, 5)$

3. Draw your own function that has a Domain
   of $[-3, 1] \cup (2, 6)$ and Range $(-4, 5)$