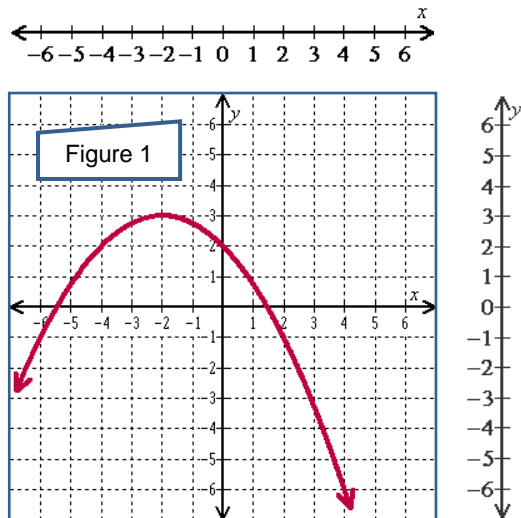
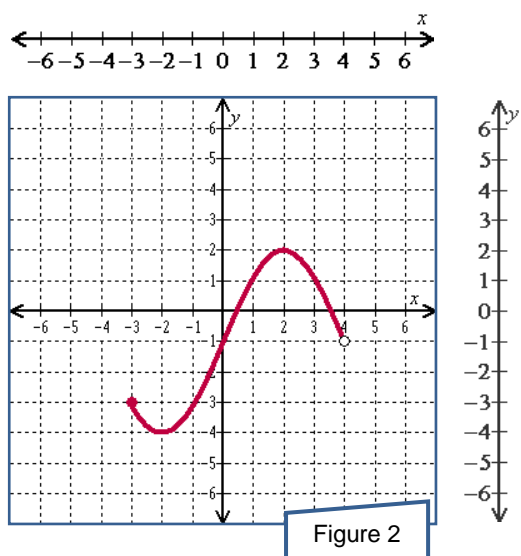


MTH 65 – Domain/Range and Word Problems Group Work

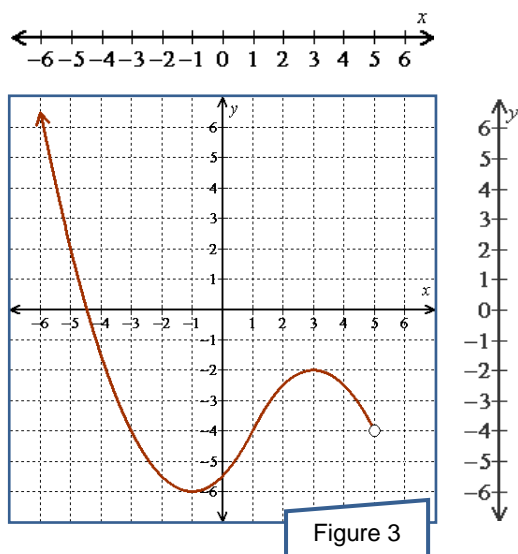
1. Find the domain and range of the function in Figure 1. State each set using interval notation.



2. Find the domain and range of the function in Figure 2. State each set using interval notation.



3. Find the domain and range of the function in Figure 3. State each set using interval notation.



4. Akram took out two loans. One loan charged him 8% interest and the other charged him 12% interest. Akram borrowed a total of \$20,000 and the total interest he paid on the two loans was \$1890. Use two equations with two unknowns to determine the amount borrowed for each of Akram's loans.
5. Jimmy Wong had to create 30 liters of a solution that was 25% acid. Jimmy had one bottle containing a solution that was 15% acid to work with and another bottle containing a solution that was 40% acid to work with. How many liters of each type of solution did Jimmy need to use to create 30 liters of solution that was 25% acid?