

Algebra 2

Unit: Rational Functions

Section: Graphing Rational Functions and Domain and Range

Writing Assignment: Graphing Rational Functions and Domain and Range

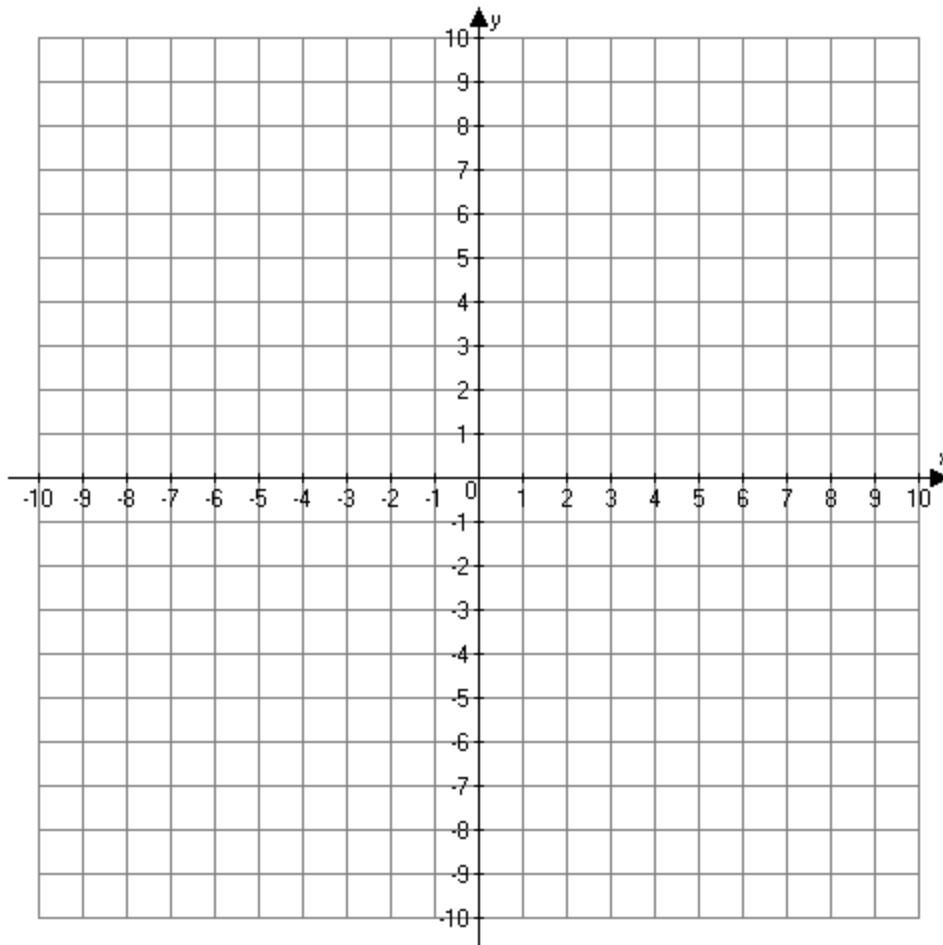
Total Points: 50

Each of the following questions is worth 10 Points with the following breakdown:

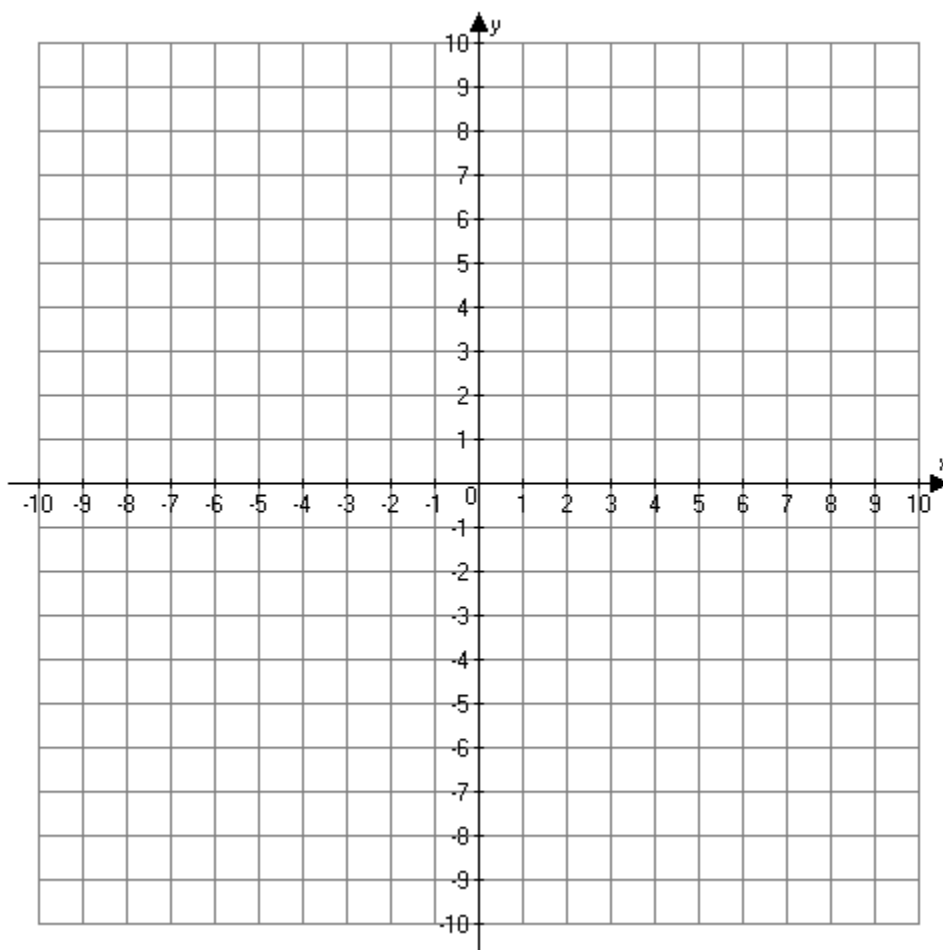
- 6 Points for the graph
- 2 Points for finding the correct domain
- 2 Points for finding the correct range

Graph the functions and describe the domain and range of each function.

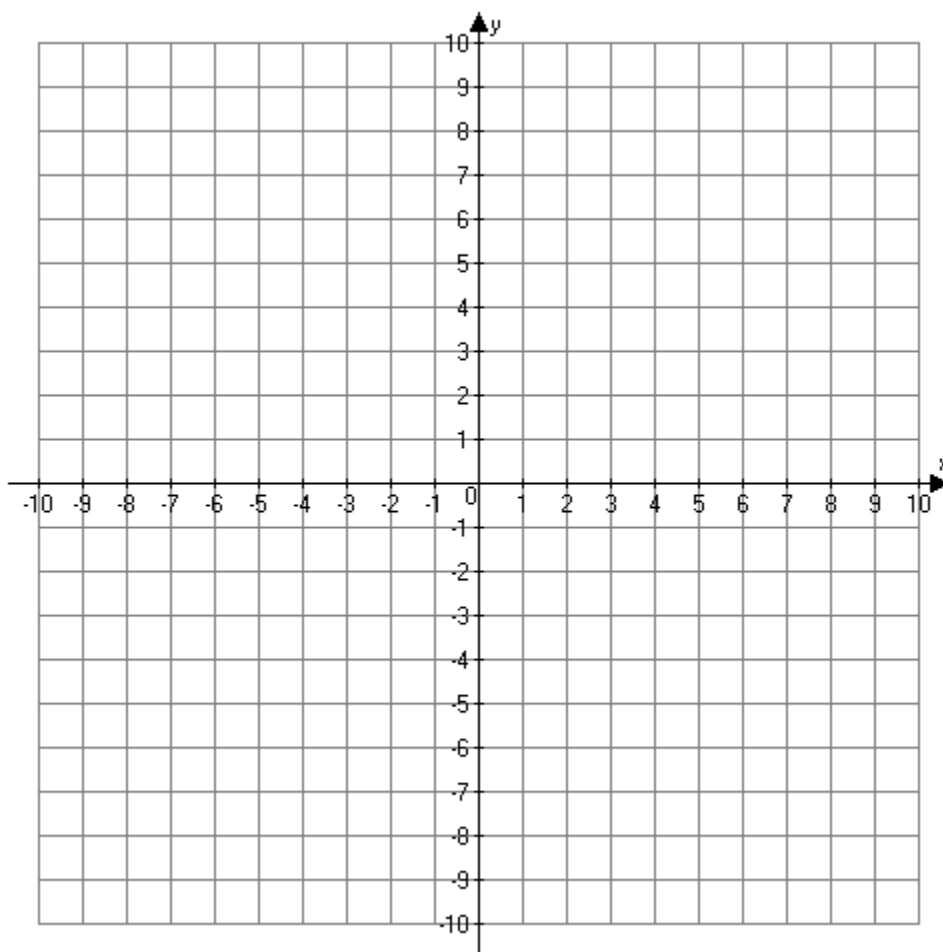
1. $f(x) = \frac{1}{x+1}$



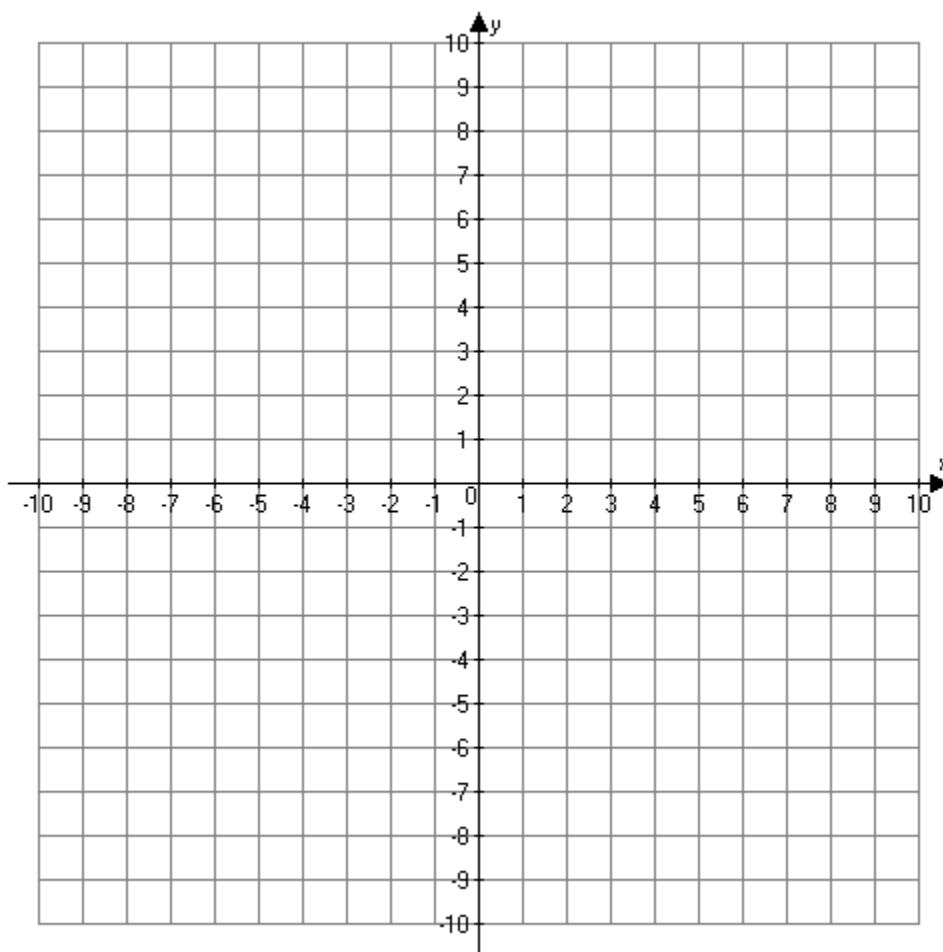
2. $f(x) = \frac{1}{x-2} + 1$



3. $f(x) = \frac{2}{x} - 3$



4. $f(x) = \frac{1}{x-4} + 3$



5. $f(x) = \frac{1}{x+5} + 2$

