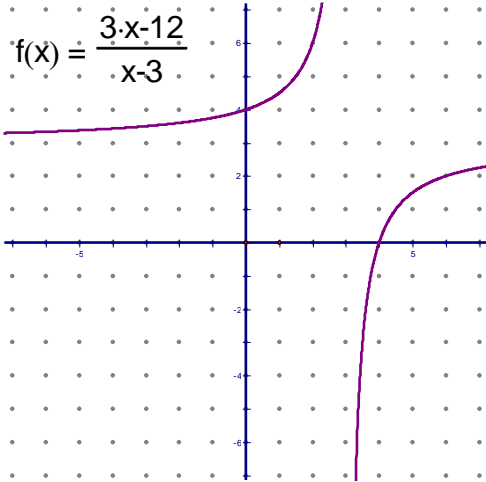


Characteristics of Rational Functions

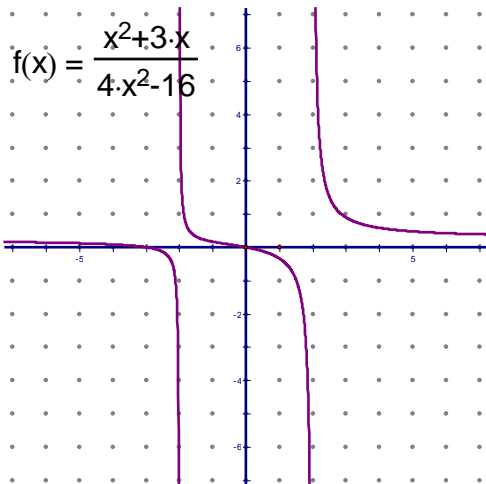
Describe the following characteristics for each graph:

1.



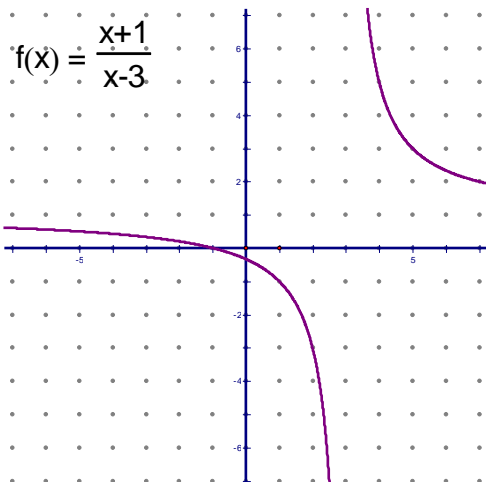
- Domain
- VA
- HA
- SA
- Intercepts
- Positive and Negative Intervals
- End behavior

2.



- Domain
- VA
- HA
- SA
- Intercepts
- Positive and Negative Intervals
- End behavior

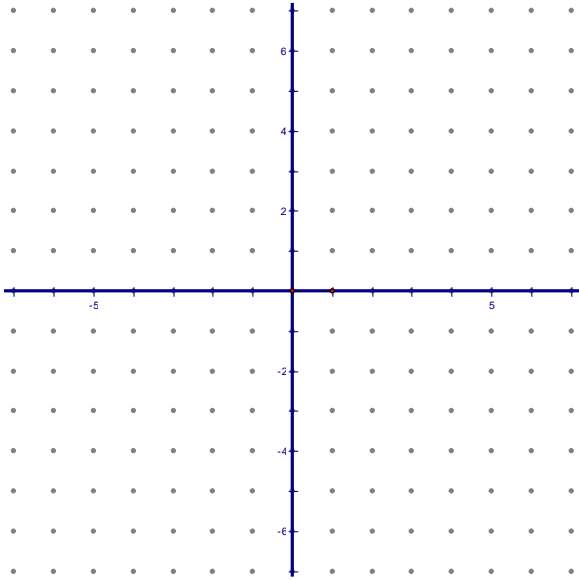
3.



- Domain
- VA
- HA
- SA
- Intercepts
- Positive and Negative Intervals
- End behavior

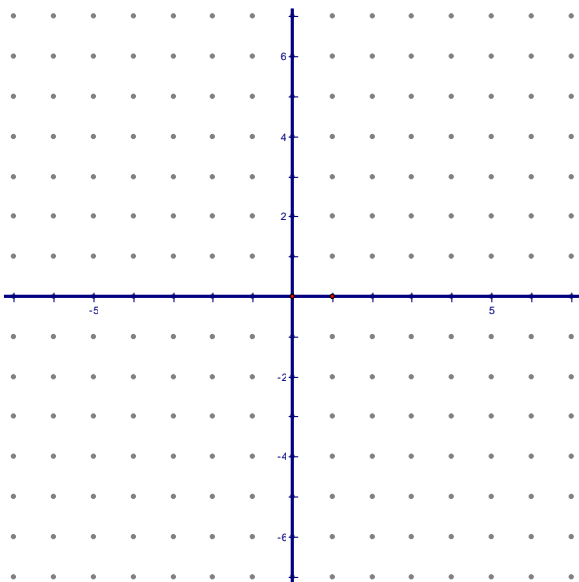
Graph and list the characteristics for each of the following graphs

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



- a. Domain
- b. VA
- c. HA
- d. SA
- e. Intercepts
- f. Positive and Negative Intervals
- g. End behavior

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



- a. Domain
- b. VA
- c. HA
- d. SA
- e. Intercepts
- f. Positive and Negative Intervals
- g. End behavior

