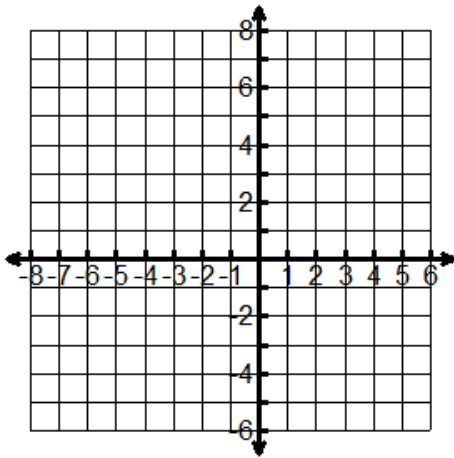


Name _____

Date _____

1. Graph $f(x) = \frac{5}{x+3}$



x-int _____ VA _____

y-int _____ HA _____

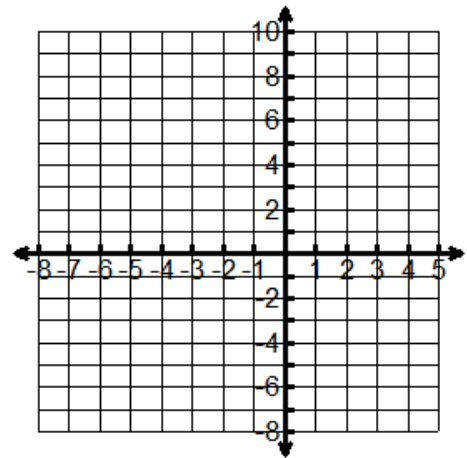
Domain: _____

Range: _____

End Behavior:

 $as x \rightarrow \infty, f(x) \rightarrow$ _____ $as x \rightarrow -\infty, f(x) \rightarrow$ _____

2. Graph $f(x) = \frac{2x-1}{x+3}$



x-int _____ VA _____

y-int _____ HA _____

Domain: _____

Range: _____

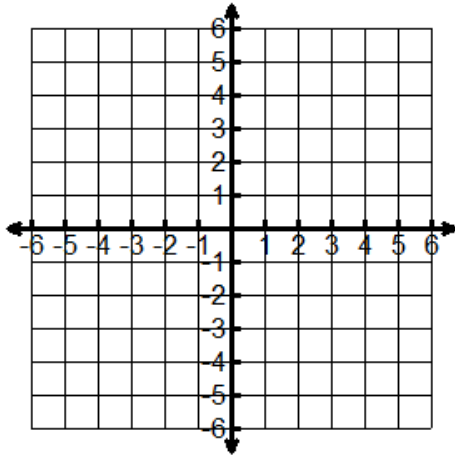
End Behavior:

 $as x \rightarrow \infty, f(x) \rightarrow$ _____ $as x \rightarrow -\infty, f(x) \rightarrow$ _____

Name _____

Date _____

3. Graph $f(x) = \frac{2x^2 + 3x - 2}{x^2 - 9}$



x-int _____ VA _____

y-int _____ HA _____

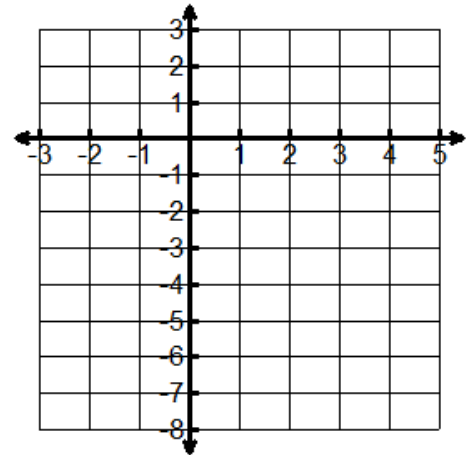
Domain: _____

Range: _____

End Behavior:

 $as x \rightarrow \infty, f(x) \rightarrow$ _____ $as x \rightarrow -\infty, f(x) \rightarrow$ _____

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



x-int _____ VA _____

y-int _____ HA _____

Domain: _____

Range: _____

End Behavior:

 $as x \rightarrow \infty, f(x) \rightarrow$ _____ $as x \rightarrow -\infty, f(x) \rightarrow$ _____