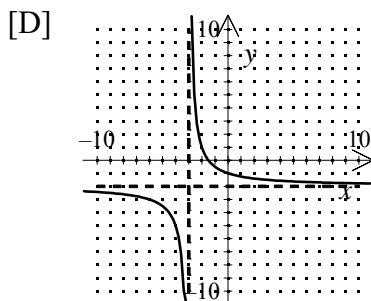
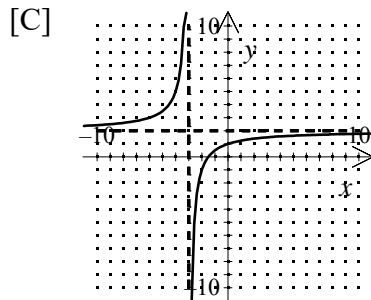
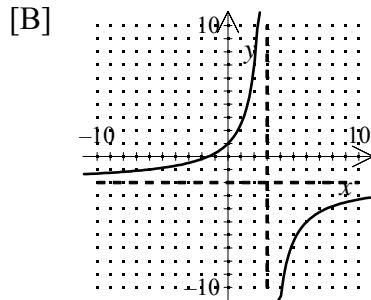
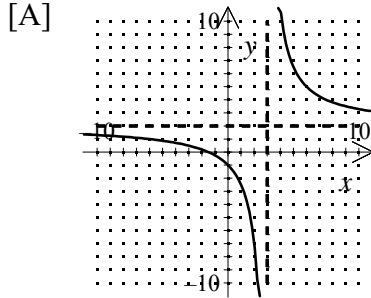
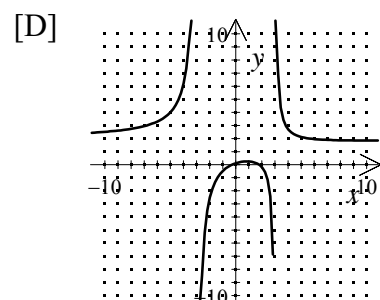
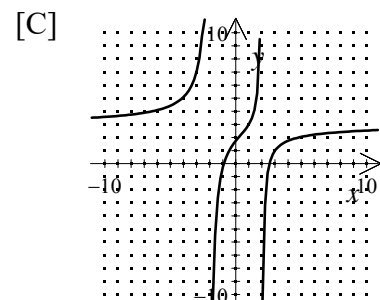
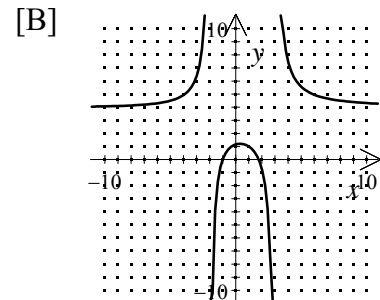
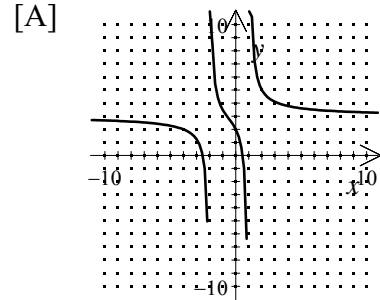


NAME: _____

1. Sketch a graph of $f(x) = \frac{-2x-3}{x+3}$. Include any vertical or horizontal asymptotes.



2. Graph the rational function $f(x) = \frac{2x^2 - 3x - 1}{x^2 - 9}$.



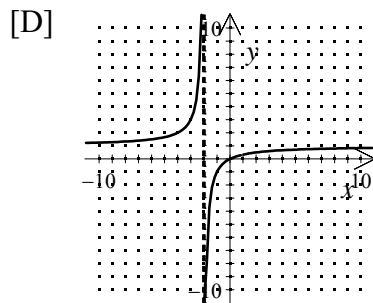
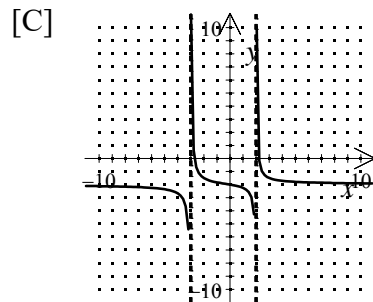
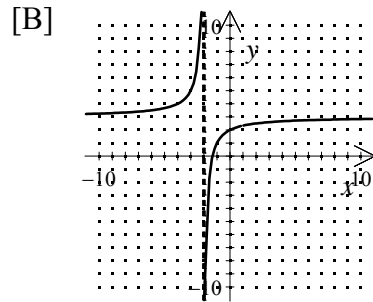
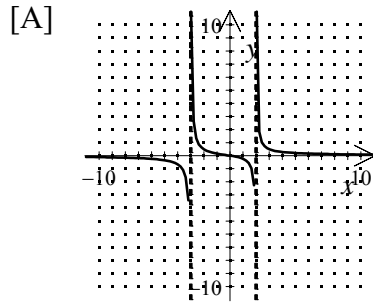
[1] _____

[2] _____

NAME: _____

3. What is the graph of the function

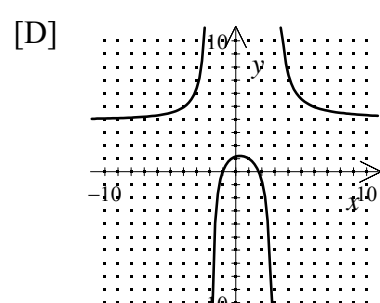
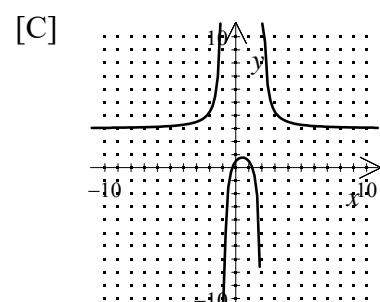
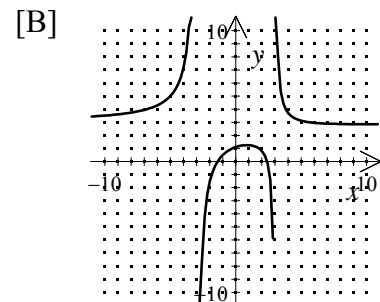
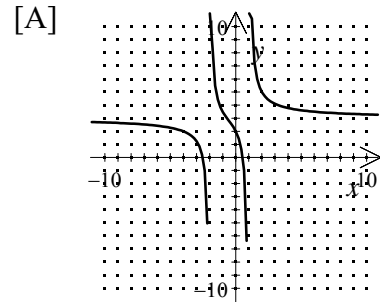
$$y = \frac{x}{(x^2 + x - 6)}?$$



[3] _____

4. Graph the rational function

$$f(x) = \frac{3x^2 - 3x - 1}{x^2 - x - 2}$$



[4] _____

[1] D

[2] D

[3] A

[4] C