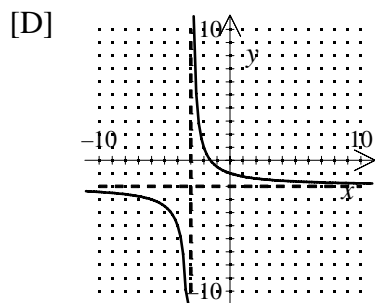
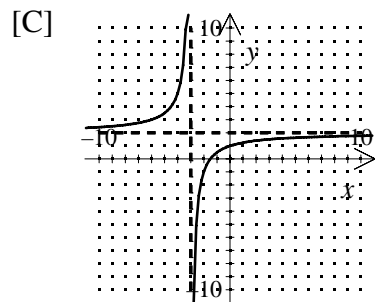
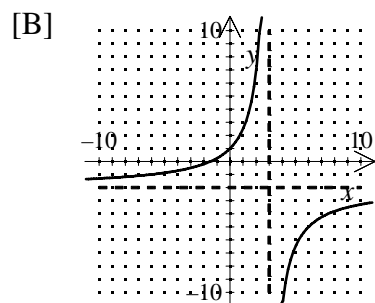
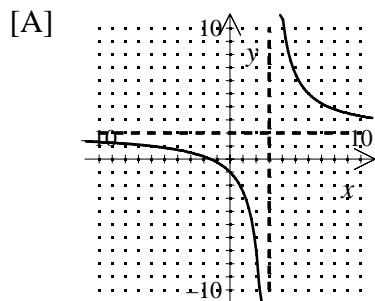


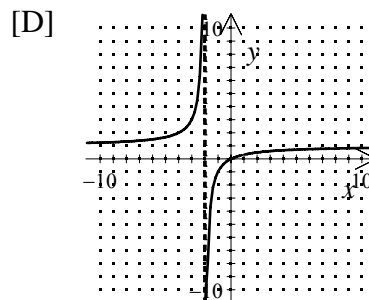
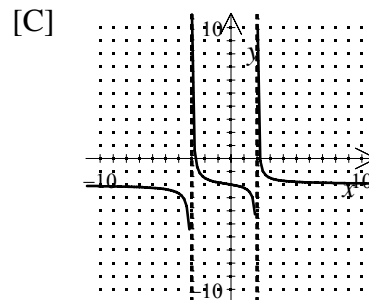
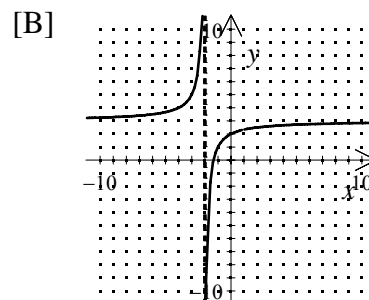
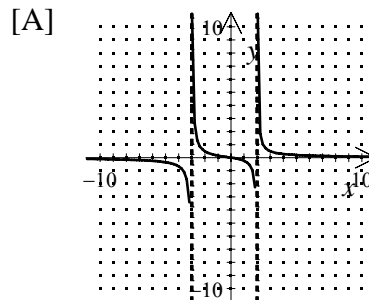
NAME: \_\_\_\_\_

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



2. What is the graph of the function

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

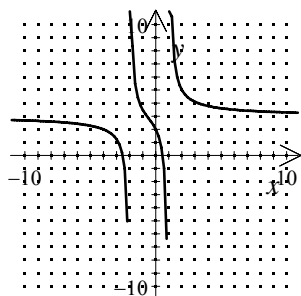


NAME: \_\_\_\_\_

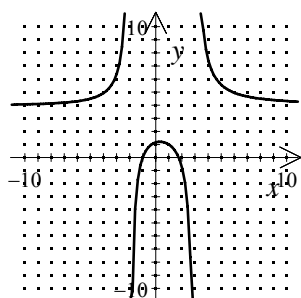
3. Graph the rational function

$$f(x) = \frac{2x^2 - 3x - 1}{x^2 - 9}$$

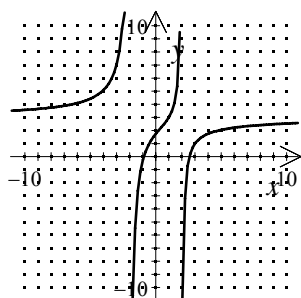
[A]



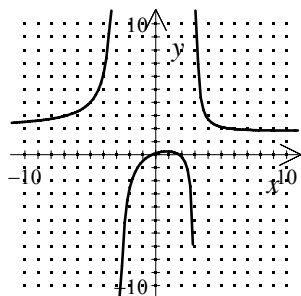
[B]



[C]



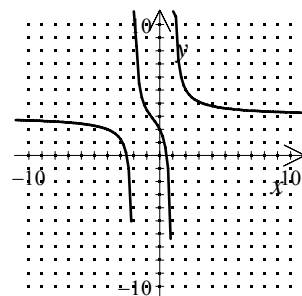
[D]



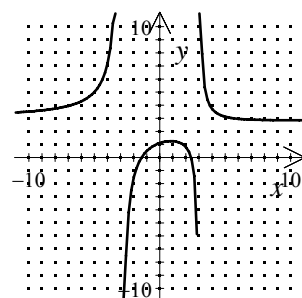
4. Graph the rational function

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

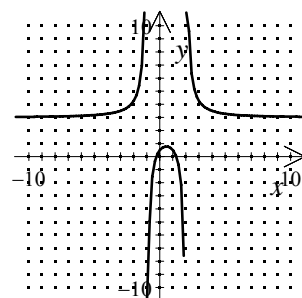
[A]



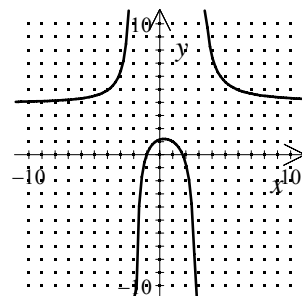
[B]



[C]



[D]



[1] D

[2] A

[3] D

[4] C