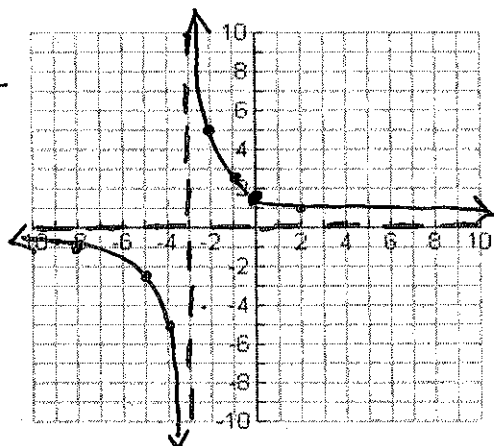


Name Key

Date \_\_\_\_\_

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

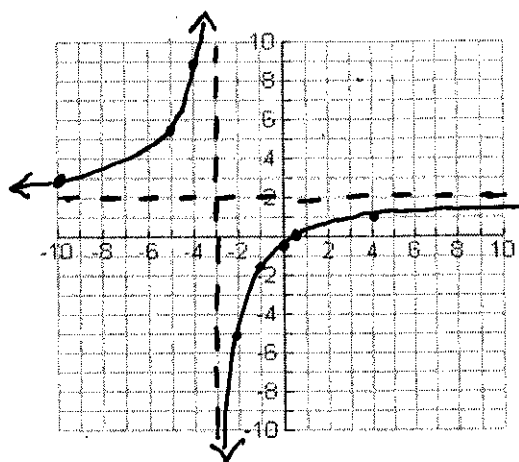
X	y
-8	-1
-5	-2.5
-4	-5
-2	5
-1	2.5
2	1



x-int None HA y = 0

y-int (0, 5/3) VA x = -3

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

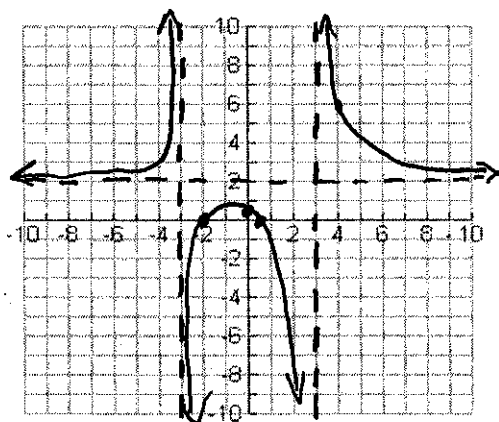


x	y
-10	3
-5	5.5
-4	9
-2	-5
-1	-1.5
4	1

x-int (1/2, 0) HA y = 2

y-int (0, -1/3) VA x = -3

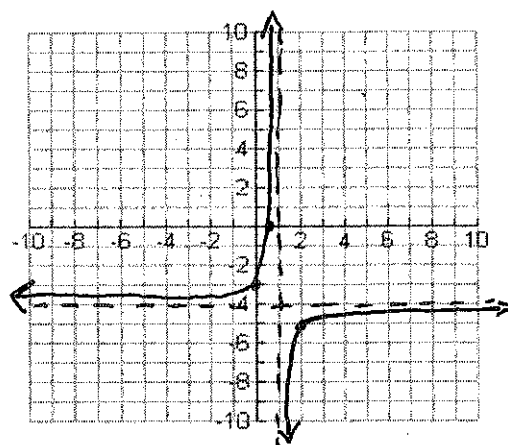
3. Graph  $f(x) = \frac{2x^2 + 3x - 2}{x^2 - 9} = \frac{(2x-1)(x+2)}{(x+3)(x-3)}$



x-int (1/2, 0) HA y = 2

y-int (0, 2/9) VA x = 3, -3

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



x-int (3/4, 0) HA y = -4

y-int (0, -3) VA x = 1