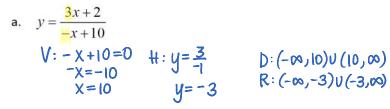
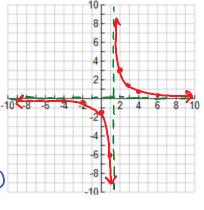
Advanced Algebra with Trig

8.2 Opener (No Calculator!)

1. Find the equation(s) of the asymptote(s) of the functions below. Then state the domain and range.

2. Graph the function in **1.b.** (with the asymptote(s)). Plot at least six reasonably accurate points.





3

b.
$$y = \frac{6}{3x-4}$$

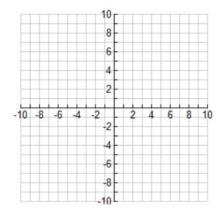
 $V: 3x-4=0$ $H: y=0$ $D: (-\infty, 4/3) \cup (4/3, \infty)$
 $X=4/3$
Avanced Algebra with Trig $X=0$ $X=$

Advanced Algebra with Trig 8.2 Opener (No Calculator!) Name: Period:

2. Find the equation(s) of the asymptote(s) of the functions below. Then state the domain and range.

c.
$$y = \frac{3x+2}{-x+10}$$

2. Graph the function in 1.b. (with the asymptote(s)). Plot at least six reasonably accurate points.





Advanced Algebra with Trig 8.2 Opener (No Calculator!)

3. Find the equation(s) of the asymptote(s) of the functions below. Then state the domain and range.

e.
$$y = \frac{3x+2}{-x+10}$$





2. Graph the function in 1.b. (with the asymptote(s)). Plot at least six reasonably accurate points.

