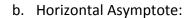**2C.3 WS #2 Graphing Rational Functions**
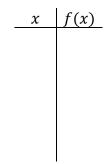
1. Use the rational function $f(x) = \frac{3-x}{2-x}$ to complete the following. Show all work and label the graph appropriately.

    a. Vertical Asymptote(s):

    b. Horizontal Asymptote:

    c. Slant Asymptote:

    d. Additional Points:

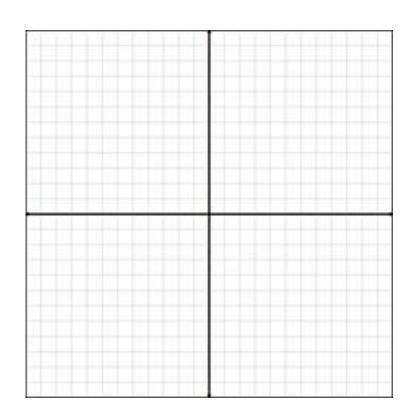| x	f(x)

    e. x-intercept(s):   g. Domain:

    f. y-intercept(s):   h. Sketch the graph of the rational function.

2. Use the rational function $f(x) = \frac{2x-1}{x}$ to complete the following. Show all work and label the graph appropriately.

a. Vertical Asymptote(s):

b. Horizontal Asymptote:

c. Slant Asymptote:

d. Additional Points:

x	$f(x)$

e. x-intercept(s):

f. y-intercept(s):

g. Domain:

h. Sketch the graph of the rational function