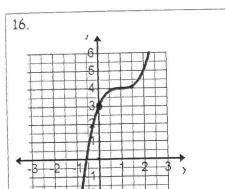
16 & 17 For the each function evaluate f(0), $f(\frac{3}{2})$, and f(-1).



f (3/2) = 4 fe1)=3

19. Identify the independent and dependent variable, then state a reasonable domain.

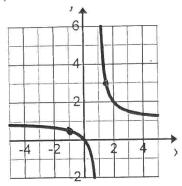
As long as a minimum of 15 shirts are ordered, the cost for an order of T-shirts is \$4.25 per shirt.

Independent: # of Shirts

Dependent: Cost

Domain: X = 15 \$ 7.

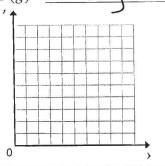
17.



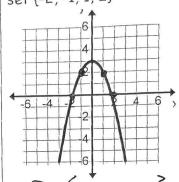
for=0 f(2)=3 f(1)=1/2

20. Write a function to represent the price for a tank of gasoline is \$2.37 per gallon and graph the function.

$$P(g) = \frac{2.37g}{1}$$



18. Evaluate for the replacement set {-2, -1, 1, 2}



R: EOZ

21. In a certain county, the fines for speeding in a school zone is \$160 plus an additional \$4 for every mile per hour over the speed limit. Write a function to represent the speeding fines. What is the value of the function for an input of 8, and what does it represent?

Part II

Given f(x) = 2x + 3, $g(x) = -3x^2$, and $h(x) = \frac{x}{4}$, find each function.

1.	Find	f(2)

4+3=7

2. Find g(5)

-75

4. Find f(10)