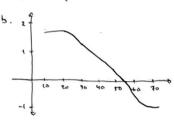
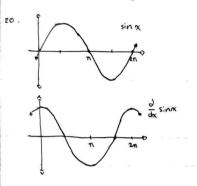
AP Calculus AB: HW 2.2B

14. a. f'(v) represents the rate of the economy at v miles per hour.



c. You should idealy drive about 55 mph



d sing looks similar to cosa

an

20. has
$$\frac{m(x+h)+b-(mx+b)}{h}$$

= lim mh

= lim m

= m ; Domain: R

24. hao h

conto 9

24. cont'd.

$$= \frac{1}{\chi^2 \left(\frac{2}{\sqrt{|x|}}\right)}$$

$$= \frac{\sqrt{x}}{2x^2}$$

Domain of g(+): + ∈ (0,∞)

Domain of gi(t): te(0,00)

units would be grams/celcius

40. -1, removable discontinuity

2, cusp

42. -2, cusp

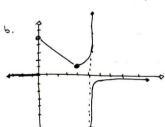
3, cusp

50. It is position, as position is constantly increasing c. is relocity, as it remains constant as position grows toward the end of t.

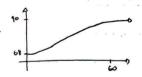
b. is acceleration, it is a when velo is constant.

a. Jak is a, as it is drviv of b.

= (



- C x=0.5
- d. x=0,4,5
- 64. a



b. It would probably change at a constant vate, until target temp is met.

