$$2(5+4) + (25-1) = 45 + 7$$

compasse with

$$(05(x) 0 x^3 = (05(x^3)$$

$$\frac{d}{dx} f(d(x)) = t, (d(x)) \cdot d, (x)$$

$$\frac{1}{\int f(x) = x^3} - \sin(x^3) \cdot 3x^2$$

$$f(x) = (g(x)) \qquad g(x) = 2x^2$$

$$-Sin(2x^2)4x$$

$$e^{\ln(x)} = x \qquad f(x) = e^{x} \qquad g(x) = \ln(x)$$

$$6_{lu(x)} \frac{x}{l} =$$

$$\frac{\ln(\ln x)}{f(x) = \ln(x)}$$

$$\frac{f'(y(x))g'(x)}{x}$$

$$\frac{1}{\ln(x)} \cdot \frac{1}{x} = \frac{1}{x \ln(x)}$$

$$\frac{dx}{d\lambda} = \frac{d\alpha}{d\lambda} \cdot \frac{dx}{d\alpha}$$

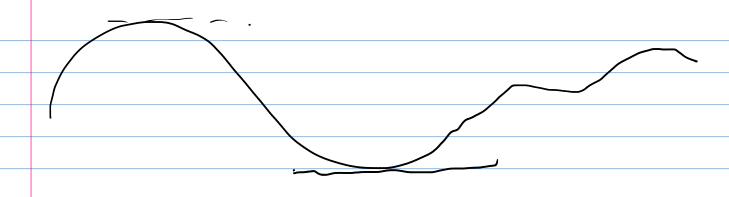
$$\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} \left(\frac{\ln(\omega)}{2} \right) = \frac{1}{\sqrt{2}} \frac{\ln(\omega)}{2}$$

$$e^{\ln(2)\cdot x}$$
 $= \ln(2)\cdot x$

$$\frac{1}{4x} \quad \alpha^{x} = \ln(\alpha) \cdot \alpha^{x}$$

$$\frac{1}{6x} \quad \alpha^{x} = \ln(\alpha) \cdot \alpha^{x}$$

$$\frac{1}$$



100ff of tonce max. aven & f & restegle

X = length y = with 2X + 2y = 100

menx. X.Y

X+Y=50 x=50-7

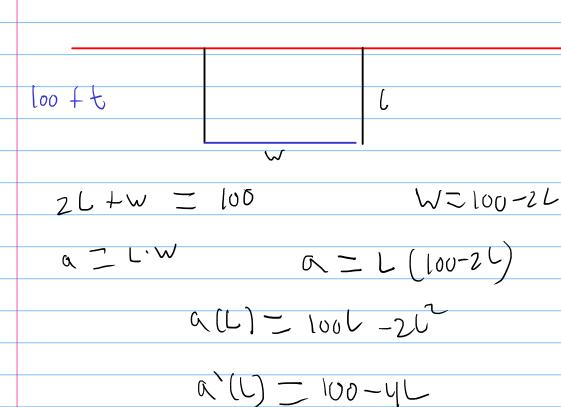
ann=(50-7)(y) an)=50y-y2

a'(y) = 50-2y

50-27 = 0

Y= 25

625 ft2



lim f(x) (im X²-1 (X+1)(x+) 1) (x1), 2