#3-9, g(x) f(x) [16] .f (x)=6 The rate of the F(X)=164 G(X)=16 aren of tosque increasing when the f (X) = 9(x) find o (+) area is 16 cm B 2 f(x) f(x) =g(x) 48cm2/s. 2.46= 9(4) g(x)=48. Therate of the area (x). w(x)= g(x) increasing order to = w(x).1(x) + 1'(x).v(x) = g(x) men 1500 length is 20cm 3.20 + 8.10 = 9(x) and the wath to $\frac{g(x)=160}{7Cr^2h=V} \frac{3}{h=257}$ $\frac{7Cr^2h=V}{10cm} \frac{3}{15}$ $\frac{7Cr^2h=V}{10cm} \frac{3}{15}$ $\frac{3}{10cm} \frac{3}{10cm} \frac{3}{10cm}$ $\frac{3}{10cm} \frac{3}{10cm}$ 10cm is 160cm 152. h=3 3 meres 25 TU Min 10, xx=8 x

y'= 0-8

VX+4=0

1/3-4

VA= 42 rEV V(x)= 37 37 (x) - 1 (x) V(x) = 47. 402.4 V'(x)= 256007na3/sa

W. XY=8 FIND JX 54.x+34.4=0 兴.4十紫元三0 -12十2等0 \$ = 6 cm/s ~(x) = f(x) 2 WW. W (x) + 25(x)-5'(x) = 2f(x).f'(x) 2.50.25 + 2.60 120.60 = 2. fw. f(x)

Just For product $\frac{10m}{10m}$ $\frac{$

200 Frenz lov

The up on 45, hopefully test is easier is