Usi=KEF 1/2 KX2=1/2 mv2 VXX2=1/x X=0.011 0.011 JKm= Vx X direction

AX = 2.12-0.27 = 1.93 m ax=0 Vv = 0.011/Fm At=7

1,93=0,011 Am At 1.93=0.011 Jan (19/5) 9.65 )2 (TY) 2 0.011 FM= (TY)

(9.65)2=y

y-direction

 $\Delta y = ?$ 

Vy=0

at=3

ay=10

Dx=2.2  $Q_x = 0$ Vx = ?

6-

DY = (9.65) ay=10 V4=0 At=7

DX=VX DE  $2.2 = \sqrt{\frac{9.65}{0.011\sqrt{80}}}$ 

2.2 J5 (9.65 (0.01 VEM)

 $\frac{(3.65)^{2}}{(0.011\sqrt{4}m)} = \sqrt{x}$   $\frac{(3.2\sqrt{5})^{2}}{(3.65)^{2}} = \sqrt{x}$   $\frac{(3.2\sqrt{5})^{2}}{(4.65)^{2}} = \sqrt{x}$   $\sqrt{x^{2} - 24.2(\frac{0.011}{4.65})^{2}}$   $\sqrt{x^{2} - 24.2(\frac{0.011}{4.65})^{2}}$   $\sqrt{x^{2} - 24.2(\frac{0.011}{4.65})^{2}}$   $\sqrt{x^{2} - 24.2(\frac{0.011}{4.65})^{2}}$ 

10 2 ×10

AY= 1/2(10) £2 14=5E2

(9.65)2-1/2 (10) E2

·0° 826c

#1.14×10