auiz1_ 6/20123 Ardalan Choorchion (3033694083)

$$X = \sqrt{t} = t^{1/2}$$

$$y = t^2 - 2t$$

$$\frac{dy}{dx} = \frac{dy/dt}{dx/dt} = \frac{2t-2}{\frac{1}{2}t^{-\frac{1}{2}}}$$

$$\chi(4) = \sqrt{4} = 2$$

 $y(4) = 16 - 8 = 8$

$$y(4) = \sqrt{4} = 2$$
 $\xi = 4$ = $y(4) = 16 - 8 = 8$ $\xi = 4$ = $\frac{3y}{4x} = \frac{8-2}{\frac{1}{2}\sqrt{4}} = \frac{24}{\sqrt{4}}$ Slape of line

$$y-y_1=m(x-x,1)$$