(b) ****** X - 2x + y = 0

92andard form = 4p(y-11)=(x-h)

 $x^{2}-2x+y=$ $x^{2}-2x=-y=$ => $x^{2}-2x+1=-y+1=$

 $\Rightarrow 4(-\frac{1}{4})(y-1) = (x-1)^2$

(vertical)

(h,K)=(1,1) $P=(-\frac{1}{4})$

 $focus = (h, K+P) = (1,1(-\frac{1}{4})) = (1,\frac{3}{4})$

direct $Vix = Y = 1 - \left(-\frac{1}{4}\right) \Rightarrow Y = \frac{5}{4}$

(enth latus rectum = 40 (4x distance between facts and vertex) = 4(4)