11. $y^2 + 4y = -x + 7$

$(4 \cdot \frac{1}{2})^2$ $y^2 + 4y + 4 = -x + 7 + 4$

$(\frac{2}{4})^2$ $(y+2)^2 = -x + 11$

$(y+2)^2 = -1(x-11)$

$(y+2)^2 = 4(\frac{-1}{4})(x-11)$

$K = -2$ $\quad p = -\frac{1}{4}$ $\quad h = 11$

(B) VERTEX: $(h,k) = (11, -2)$

FOCUS: $(h+p, k) = (11 - \frac{1}{4}, -2)$

$(\frac{43}{4}, -2)$

$(10\frac{3}{4}, -2)$

DIR: $x = h - p$

$x = 11 - (-\frac{1}{4})$

$x = 11 + \frac{1}{4}$

$x = 11\frac{1}{4}$

$x = \frac{45}{4}$