$$
\begin{array}{cc}
\boldsymbol{y}^{2}=8 x+48 & (y-1 k)^{2}=4 p(x-h) \\
(y-0)^{2}=8(x+6) & 4 p=8 \\
(y-0)^{2}=4(2)(x+6) & p=2
\end{array}
$$

$h=-6$
$k=0$
$p=2$
vertex $(-6,0)$
focus $(-4,0)$
directrix: $x=-8$
axis of sum: $y=0$


$$
\begin{aligned}
a^{+}(4-0)^{2} & =4(2)(x+6) \\
y^{-4} & =8 x+48 \\
-32 & =8 x \quad(-4,4) \\
-4 & =x \quad
\end{aligned}
$$

$$
\begin{aligned}
& \underline{2 x^{2}}-\underline{8 x}+y+6=0 \\
& 2\left(x^{2}-4 x+4\right)=-y-6+2(4) \\
& 2(x-2)^{2}=-y+2 \\
& \frac{2(x-2)^{2}}{2}=\frac{-(y-2)}{2} \\
& (x-2)^{2}=-\frac{1}{2}(y-2) \quad 4 p=-\frac{1}{2} \\
& (x-2)^{2}=4\left(-\frac{1}{8}\right)(y-2) \quad p=-\frac{1}{x} \\
& h=2 \\
& k=2 \\
& p=-\frac{1}{8} \\
& \text { vertex }(2,2) \\
& \text { focus }\left(2, \frac{15}{8}\right) \\
& \text { directrix: } y=\frac{17}{8} \\
& \text { axis of Sem: } x=2 \\
& a_{x}^{+}=4 \quad 2 .(4)^{2}-8(4)+y+6=0 \\
& \begin{aligned}
(4,-6) y+6 & =0 \\
y & =-6
\end{aligned}
\end{aligned}
$$



