Oriceus 4

(1)
$$y = 2x^2 \rightarrow x^2 = \frac{1}{2}y \rightarrow 2\mu = \frac{1}{2} \rightarrow \mu = \frac{1}{4}, V[0;0]$$

$$\frac{1}{2}$$
 \mathcal{F} \times $\frac{1}{2}$ \mathcal{F} \mathcal{F}

(3.)
$$y^2 - 6x + 8 = 0$$
 -> $y^2 = 6x - 8$ -> $y^2 = 6\left(x - \frac{4}{3}\right)$ -> $y = 6\left(x - \frac{4}{3}\right)$

2) hodem M leena jaraboly
$$y^{2} = 6(x - \frac{4}{3}) \cdot M[2\cdot 2]$$

$$t_{M}: y \cdot 2 = 3(x - \frac{4}{3}) + 3(2 - \frac{4}{3})$$

$$2y = 3x - 4 + 6 - 4$$

$$2y = 3x - 2$$

$$y = \frac{3}{2}x - 1$$

(h)
$$y^2-4y=-6x \Rightarrow y^2-4x+4=-6x+4$$

 $(y-2)^2=-6(x-\frac{4}{3})$ $7[0,0]$
 $t:(y-2)(0-2)=-6(x-\frac{4}{3})-6(0-\frac{4}{3})$
 $-2y+4=-6x+2+2$
 $-2y=-6x \Rightarrow y=3x$
(5) $y=ax^2+bx+c$
 $Ke panh. \rightarrow -3=av.1+b+c \rightarrow 3=av.b-1$
 $Le panh. \rightarrow -1=a.0+b.0+c \rightarrow c=-1$
 $Me panh. \rightarrow -1=a.0+b.0+c \rightarrow c=-1$
 $\Rightarrow a+b=-2 \rightarrow a+b=-2 \rightarrow 2(-b-2)+b=0 \rightarrow -2b-4+b=0 \rightarrow (b=-4)$
 $\Rightarrow a+b=-2 \rightarrow 2a+b=0 \rightarrow 2(-b-2)+b=0 \rightarrow -2b-4+b=0 \rightarrow (b=-4)$
(6) $y^2-4y=6x-22 \rightarrow (y^2-4y+4=6x-22+4) \rightarrow (y-2)^2=6x-48 \rightarrow (y-2)^2=6(x-3) \frac{xen'}{b=-4} \frac{xen'}{b=-2} + \frac{xen'}{$

 $= 4 + 4k + k^{2} - 16 = k^{2} + 4k - 12$ $1 \text{ revenu'} <=> D = 0 <=> k^{2} + 4k - 12 = 0 <=>$ $k_{1/2} = 2; -6 \implies 2 \text{ leeny} : \boxed{y = 2x}$