$$\begin{cases}
\text{Max } \left[ V \left( y_{1} + 2, n_{2} \right) = \left( y_{1} + 2 \right)^{1/2} + \frac{1}{2} n_{2} \right] \\
y_{1} + 2n_{2} \leq 6 \\
y_{1} + y_{2} = n_{2} = n_{$$

$$y_{1} + 2n_{2} \leq 6$$
 $y_{1} \gamma_{1} > 1^{n_{2}} \gamma_{1}^{0}$ 

$$\begin{cases} y_1 + 2n_2 = 6 \end{cases}$$

$$\int y_1 = 2$$

$$2 = 2$$

$$\int (y_{1} + 2)^{\frac{1}{2}} = \frac{1}{2} = y_{1} + 2 - \frac{1}{4}$$

$$y_{1} + 2n_{2} = 6$$

$$y_{1} = 2$$

$$y_{2} = 6$$

$$y_{2} = 6$$

$$y_{2} = 6$$

$$y_{2} = 6$$

$$y_{2} = 2$$

=> vérifient les contraintes donc correspond à la solution 
$$y_1^{\dagger} = 2$$
;  $y_2^{\dagger} = 2$