为X=Y=10:每週育買后杯奶菜及后個漢堡交

6.
$$0_{400x+600}y = 12000$$
 $V = x^{\frac{1}{2}}y^{\frac{1}{2}}$ MRSxy = $\frac{\frac{1}{2}x^{\frac{7}{2}}y^{\frac{1}{2}}}{\frac{1}{2}y^{\frac{7}{2}}x^{\frac{1}{2}}} = \frac{400}{600}$
=) $3y = 2x$ =7 $x = 15$, $y = 10$

(a)
$$(s,t) = 0 \times 4y = 23$$

 $\begin{cases} x+y=23\\ 400x+600y=12000\\ 4x+4y=92\\ 4x+6y=120\\ \hline -2y=-28\\ y=14\\ x=9 \end{cases}$