

$$(3) \text{ (A)} \quad 10x + 10y = 500$$

$$\text{(B)} \quad -\frac{10}{10} = -1$$

$$\text{(C)} \quad 11x + 10y = 500$$

$$\text{(D)} \quad 8x + 10y = 500$$

$$\text{(E)} \quad 10x + 10y = 400$$

$$\text{(F)} \quad \begin{cases} 10(x-10) + 10y = 500 & x \geq 10 \\ 10y = 500 & x < 10 \end{cases}$$

$$\text{(G)} \quad \begin{cases} 10x + 10y = 500 & x \leq 30 \\ 10 \times 30 + 10(x-30) + 10y = 500 & x > 30 \end{cases}$$

$$\text{(H)} \quad \begin{cases} 10x + 10y = 500 & x \leq 30 \\ 10 \times 30 + 5(x-30) + 10y = 500 & x > 30 \end{cases}$$

$$(4) \text{ (A) 方案 (一)} \quad 60x + 200y = 6200$$

$$\text{(B) 方案 (二)} \quad \begin{cases} 80(x-5) + 200y = 6200 & x > 5 \\ 200y = 6200 & x \leq 5 \end{cases}$$

$$\text{(C) 方案 (三)} \quad \begin{cases} 80x + 200y = 6400 & x \leq 50 \\ 200y = 2400 & 50 < x \leq 55 \\ 80x + 200y = 6800 & 55 < x \end{cases}$$