

3.A $10X+10Y=500$

B -1

C $11X+10Y=500$

D $8X+10Y=500$

E $10X+10Y=500$

F $10(X-10)+10Y=500$, $X \geq 10$

$10Y=500$, $X < 10$

G $10X+10Y=500$, $X \leq 30$

$10 \times 30 + 12(X-30) + 10Y = 500$, $X > 30$

H $10X+10Y=500$, $X \leq 30$

$10 \times 30 + 5(X-30) + 10Y = 500$, $X > 30$

4.A 方案一 $60X+100Y=6400-200=6200$

B 方案二 $8(X-5)+100Y=6400-200=6200$, $X > 5$

$100Y=6200$, $X \leq 5$

C 方案三 $80X+100Y=6400$, $X \leq 50$

$100Y=2400$, $5 < X \leq 55$

$80X+100Y=6800$, $55 \leq X$