

(3)

A.  $10X + 10Y \leq 500$

B.  $-1$

C.  $11X + 10Y \leq 500$

D.  $8X + 10Y \leq 500$

E.  $10X + 10Y \leq 400$

F.  $10X + 10Y \leq 500$

G.  $12X + 10Y \leq 200$

H.  $5X + 10Y \leq 200$

4.

(A)  $60X + 200Y \leq 6200$

(B)  $200 + 80(X-5) + 200Y \leq 6400$

$\rightarrow 80X + 200Y \leq 6600$

(C)  $80X \leq 6400$

$80(X-5) \leq 6400, X \geq 50$