

3. (A) $10x + 10y = 500$

(B) $-\frac{500 \div 10}{500 \div 10} = -1$

(C) $11x + 10y = 500$

(d) ~~10x~~ $8x + 10y = 500$

(e) $10x + 10y = \text{~~400~~ } 600$

(f) $10x + 10y = 400$

(g) ~~$12x + 10y = 500$~~ , $x > 30$ $12x + 10y = 500, x \geq 30$

(H) $5x + 10y = 500, x \geq 30$

4. (A) $200x + 60y = 6200$ $20x + 3y = 310$

(B) $200x + 80y = 6400 - 200 + 80 \times 5$

$200x + 80y = 6600$

(C) $200x + 80y = 6400$

$200x + 80y = 6400 + 5 \times 80, x \geq 50$

$= 6800$