

3. a. $10x + 10y = 500$

b. $\frac{500 \div 10}{500 \div 10} = -1$

c. $11x + 10y = 510$

d. $8x + 10y = 510$

e. $10x + 10y = 600$

f. $10x + 10y = 400$

g

h

4. a. $200x + 60y = 6200$ $20x + 3y = 310$

b. $200x + 80y = 6400 - 200 + 80 \times 5$

$200x + 80y = 6600$

c. $200x + 80y = 6400$

$200x + 80y = 6400 + 5 \times 80 = 6800, \quad x > 50$