6.1. d)
$$2.150 = 2.00_{x_1} + 150_{x_2} + 160_{x_3}$$
 $2.150 | 200 | 150 | 100$
 $470 = 50_{x_1} + 30_{x_2} + 20_{x_3} \Rightarrow 470 | 50 | 30 | 20$
 $150 = 20_{x_1} + 10_{x_1} + 0_{x_3}$ $150 | 20 | 10 | 0$

$$\Rightarrow \frac{43}{2} = 2x_1 + \frac{3}{2}x_2 + x_3$$
 (1)

1.
$$\frac{43}{2} = 2.4 + \frac{3}{2}.7 + x_5$$

3 = x1

$$\frac{43}{2} = \frac{37}{2} + x_3$$

b)
$$1600 = 200x_1 + 150x_1 + 160x_3$$
 $\Rightarrow 1600 | 200 | 150 | 100 | 16 | 2 | 1.5 | 1 | k = -\frac{20}{7}$
 $350 = 50x_1 + 30x_1 + 20x_3$ $\Rightarrow 350 | 50 | 30 | 20 $\Rightarrow 350 | 50 | 30 | 20 d$
 $120 = 20x_1 + 40x_1 + 0x_3$ $\Rightarrow 120 | 20 | 10 | 0 | 420 | 20 | 10 | 0$$

$$\Rightarrow 1612 \ 1.5 \ 1$$

$$30 \ 10 \ 0 \ C$$

$$\Rightarrow 16 \ | 2 \ 1.5 \ 1$$

$$10 \ | 20 \ 10 \ 0 \ 0$$

$$\Rightarrow 2 \ | 120 = 20x_1 + 10x_2$$

$$120 \ | 20 \ 10 \ 0 \ C$$

$$30 \ | 40 \ 0 \ C$$

$$30 \ | 40 \ 0 \ C$$

$$30 \ | 30 = 40x_1$$