

S. 144

672

a)

$$800\text{g} = 2x + 500\text{g} \quad \parallel -500\text{g}$$

$$300\text{g} = 2x \quad \parallel :2$$

$$150\text{g} = x$$

b)

$$4x + 200\text{g} = 500\text{g} \quad \parallel -200\text{g}$$

$$4x = 300\text{g} \quad \parallel :4$$

$$x = 75\text{g}$$

674

a)

$$3x + 400\text{g} = 1900\text{g} \quad \parallel -400\text{g}$$

$$3x = 1500\text{g} \quad \parallel :3$$

$$x = 500\text{g}$$

b)

$$4x + 500\text{g} = 900\text{g} \quad \parallel -500\text{g}$$

$$4x = 400\text{g} \quad \parallel :4$$

$$x = 100\text{g}$$

(6 75)

$$a) \quad x + 7 \text{ kg} = 23 \text{ kg} \quad || -7 \text{ kg}$$

$$x = 16 \text{ kg}$$

$$b) \quad \boxed{y} + \cancel{2x} = \cancel{x} + 400 \text{ g} \quad || -x$$

$$y + x = 400 \text{ g}$$

$$y + \cancel{50 \text{ g}} = \cancel{400 \text{ g}} \quad || -50 \text{ g}$$

$$\boxed{y} = 350 \text{ g}$$

$$3x + \cancel{50 \text{ g}} = \cancel{200 \text{ g}} \quad || -50 \text{ g}$$

$$3x = 150 \text{ g} \quad || :3$$

$$\boxed{x} = \underline{50 \text{ g}}$$