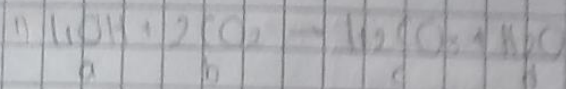


Exercise 10



$$\text{Li: } a = 2c$$

$$\text{C: } 2b = c$$

$$\text{H: } a = d$$

$$\text{O: } a + 4b = 3c + d$$

$$4 + 4 = 3 \times 2 + 2$$

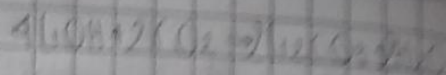
$$8 = 8$$

$$c = 2$$

$$a = 4$$

$$b = 1$$

$$d = 2$$

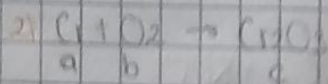


$$4 \text{ Li } 4$$

$$2 \text{ C } 2$$

$$8 \text{ H } 8$$

$$4 \text{ O } 4$$



$$\text{C: } a = 2c$$

$$\text{O: } 2b = 3c$$

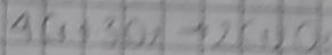
$$2 \times 3 = 3 \times 2$$

$$6 = 6$$

$$c = 2$$

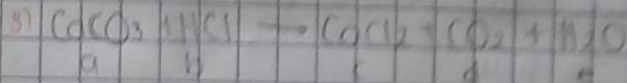
$$a = 4$$

$$b = 3$$



$$4 \text{ C } 4$$

$$6 \text{ O } 6$$



$$\text{Ca: } a = c$$

$$\text{C: } a = d$$

$$\text{Cl: } b = 2c$$

$$\text{H: } b = 2e$$

$$\text{O: } 3a = d + e$$

$$3 \times 2 = 2 \times 2 + 2 \times 2$$

$$6 = 6$$

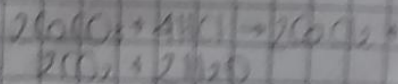
$$a = 2$$

$$b = 4$$

$$c = 2$$

$$d = 2$$

$$e = 2$$



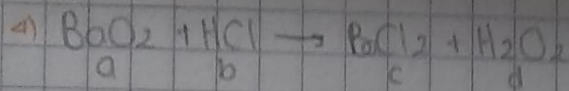
$$2 \text{ Ca } 2$$

$$2 \text{ C } 2$$

$$4 \text{ Cl } 4$$

$$4 \text{ H } 4$$

$$6 \text{ O } 6$$



$$\text{Ba} : a = c$$

$$\text{Cl} : b = 2c$$

$$\text{H} : b = 2d$$

$$\text{O} : 2a = 2d$$

$$2 \times 2 = 2 \times 2$$

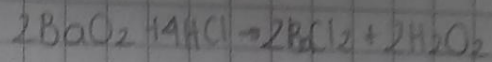
$$4 = 4$$

$$a = 2$$

$$b = 4$$

$$c = 2$$

$$d = 2$$

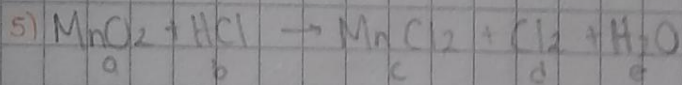


$$2 \text{Ba} \quad 2$$

$$4 \text{Cl} \quad 4$$

$$4 \text{H} \quad 4$$

$$4 \text{O} \quad 4$$



$$\text{Mn} : a = c$$

$$\text{Cl} : b = 2c + 2d$$

$$\text{H} : b = 2e$$

$$\text{O} : 2a = e$$

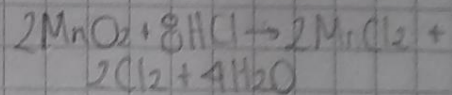
$$a = 2$$

$$b = 8$$

$$c = 2$$

$$d = 2$$

$$e = 4$$



$$2 \text{Mn} \quad 2$$

$$8 \text{Cl} \quad 8$$

$$8 \text{H} \quad 8$$

$$4 \text{O} \quad 4$$