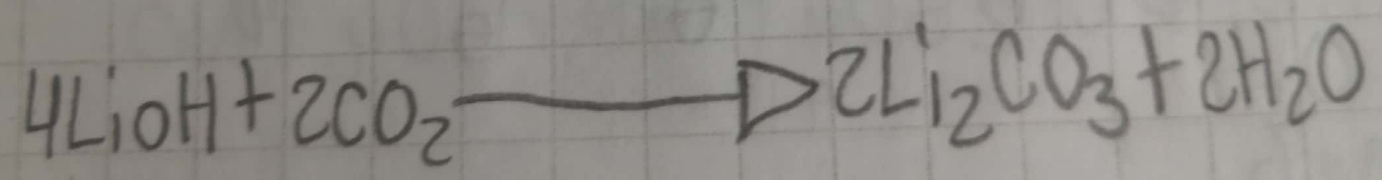
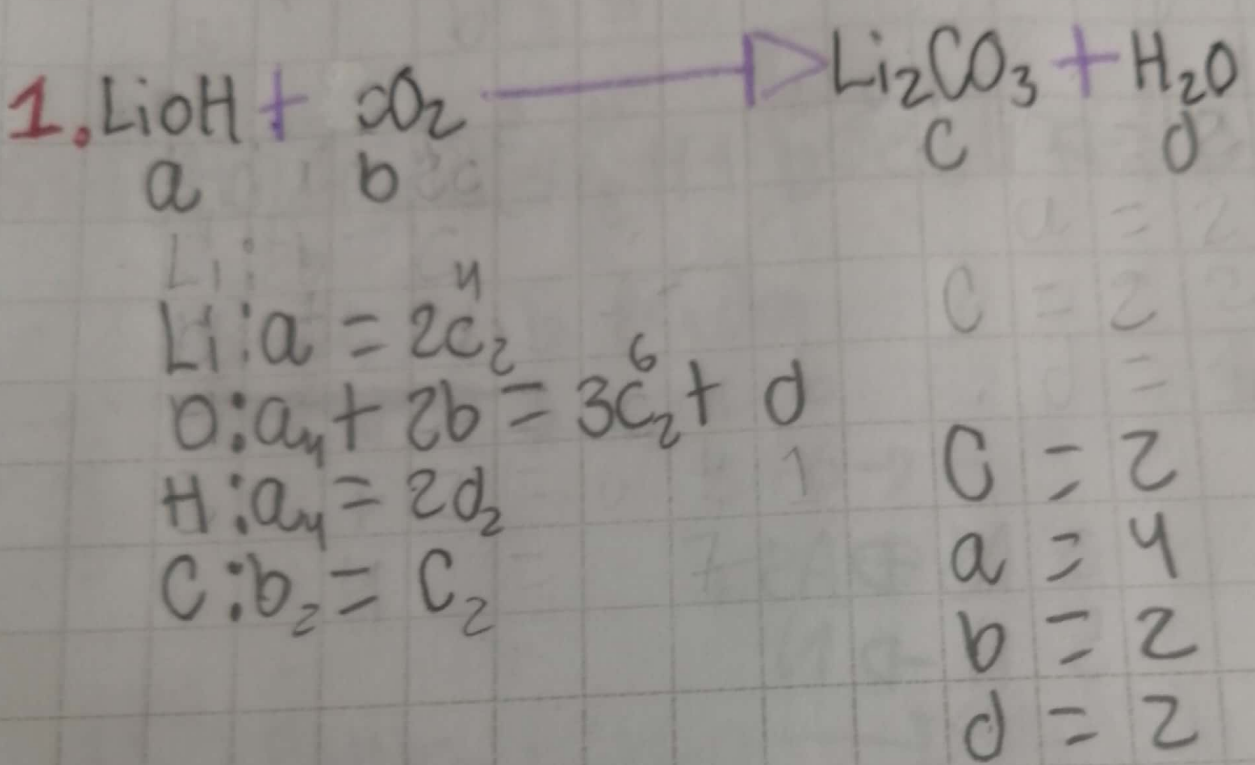


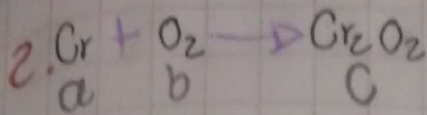
# Metatdo

Algebraico

4LiOH + 2CO<sub>2</sub> → 2Li<sub>2</sub>CO<sub>3</sub> + 2H<sub>2</sub>O

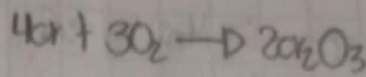


4	Li	4
8	O	8
4	H	4
2	C	2

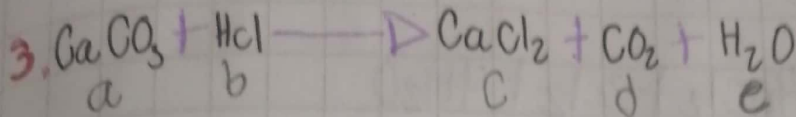


$$\begin{matrix} \text{Cr: } a = 2b \\ \text{O: } 2b = 3c \end{matrix}$$

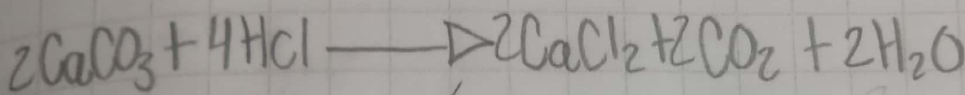
$$\begin{matrix} c = 2 \\ a = 4 \\ b = 3 \end{matrix}$$



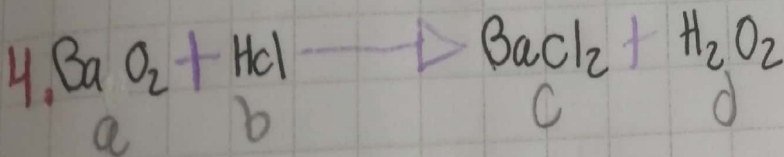
$$\begin{matrix} 4 \text{Cr} & 4 \\ 6 \text{O} & 6 \end{matrix}$$



$$\begin{matrix} \text{Ca:} & = a = c & & \text{C:} & 2 \\ \text{C:} & = a = d & & \text{O:} & 2 \\ \text{O:} & = 3a = 2d + 2c & & \text{H:} & 2 \\ \text{H:} & = b = 2e & & \text{Cl:} & 2 \\ \text{Cl:} & = 2b = 2c & & & \end{matrix}$$

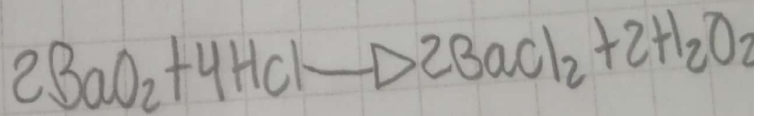


$$\begin{matrix} 2 \text{Ca} & 2 \\ 2 \text{C} & 2 \\ 6 \text{O} & 6 \\ 4 \text{H} & 4 \\ 4 \text{Cl} & 4 \end{matrix}$$

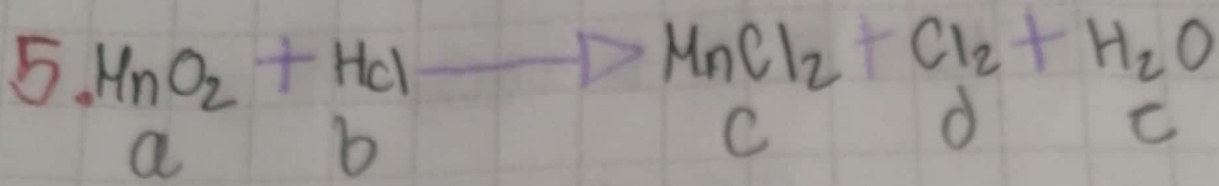


$$\begin{matrix} \text{Ba: } a = c \\ \text{O: } 2a = 2d \\ \text{H: } b = 2e \\ \text{Cl: } b = 2c \end{matrix}$$

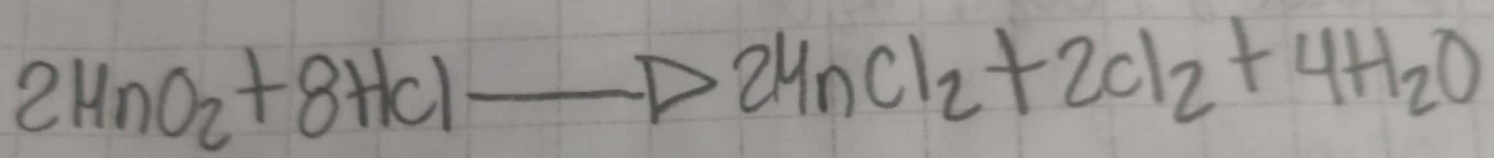
$$\begin{matrix} c = 2 \\ a = 2 \\ d = 2 \\ b = 4 \end{matrix}$$



$$\begin{matrix} 2 \text{Ba} & 2 \\ 4 \text{O} & 4 \\ 4 \text{H} & 4 \\ 4 \text{Cl} & 4 \end{matrix}$$



$$\begin{aligned} \text{Mn: } a &= c & a &= 2 & d &= 2 \\ \text{O: } 2a &= c & c &= 2 & & \\ \text{H: } b &= 2c & c &= 4 & & \\ \text{Cl: } b &= 2c + 2d & b &= 8 & & \end{aligned}$$



2	Mn	2
4	O	4
8	H	8
8	Cl	8