

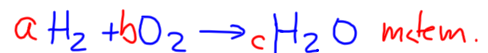
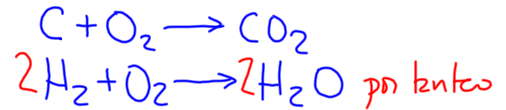
REACCIONES QUÍMICAS

REACTIVOS \longrightarrow PRODUCTOS

- ENERGÍA DE ACTIVACIÓN
- ENERGÍA DE REACCIÓN
- VELOCIDAD DE REACCIÓN
 - NATURZA DOS REACTIVOS
 - TEMPERATURA
 - GRAD DE DIVISIÓN DOS REACTIVOS
 - CONCENTRACIÓN
 - CATALIZADORES

jun 8-10:50

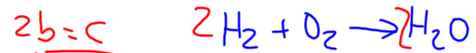
AXUSTE DAS REACCIONES QUÍMICAS
LEI DE LA VOISIER: O NÚMERO DE ÁTOMOS DE CADA ELEMENTO DEBE SER O MESMO NOS DONS MEMBROS DA REACCIÓN.



Para hidróxeno:

$$2a = 2c ; 2a = 2 \cdot 2 \Rightarrow a = \frac{4}{2} = 2$$

Para osíxeno: $\boxed{a=2}$



Se xa $\boxed{b=1}$

$$2 \cdot 1 = c \Rightarrow \boxed{c=2}$$

jun 8-11:14

Axusta a seguinte reacción:



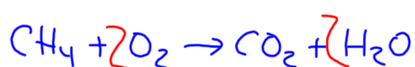
Para carbono: $a = c$ Se xa $a = 1$

Para hidróxeno: $4a = 2d$

Para osíxeno: $2b = 2c + d$

$$\boxed{a=1} \quad 4 \cdot 1 = 2d \Rightarrow \boxed{d=2}$$

$$\boxed{c=1} \quad 2b = 2 \cdot 1 + 2 \Rightarrow \boxed{b=2}$$



jun 8-11:28

Axusta a reacción:



Para carbono: $2a = c$

Para hidróxeno: $6a = 2d$

Para osíxeno: $a + 2b = 2c + d$

Se xa $\boxed{d=3}$

$$6a = 2 \cdot 3 \Rightarrow \boxed{a=1}$$

$$2 \cdot 1 = c \Rightarrow \boxed{c=2}$$

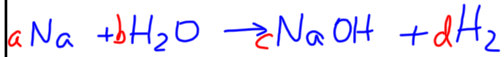
$$1 + 2b = 4 + 3$$

$$2b = 4 + 3 - 1 \Rightarrow \boxed{b=3}$$



jun 8-11:47

Ajusta a reacci3n:



Para sodio: $a = c$

Para hidr3geno: $2b = c + 2d$

Para oxigeno: $b = c$

Sea $c = 2$

$a = 2$

$b = 2$

$$2 \cdot 2 = 2 + 2d$$

$d = 1$



jun 8-12:04

L228E6n

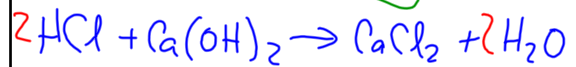


Para H: $a + 2b = 2d$ sea $a = 2$

Para Cl: $a = 2c$; $2 = 2c \Rightarrow c = 1$

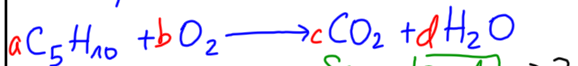
Para Ca: $b = c \Rightarrow b = 1$

Para O: $2b = d \Rightarrow d = 2$



jun 9-12:56

L228E6f



Para C: $5a = c \Rightarrow c = 5 \rightarrow 10$

Para H: $10a = 2d \Rightarrow d = \frac{10}{2} \Rightarrow d = 5 \rightarrow 10$

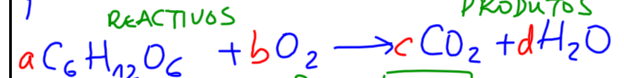
Para O: $2b = 2c + d$

$$2b = 10 + 5 \Rightarrow b = \frac{15}{2} \rightarrow 15$$



jun 9-13:09

p228E7



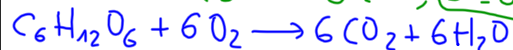
Para C: $6a = c$; sea $a = 1 \Rightarrow c = 6$

Para H: $12a = 2d \Rightarrow d = 6$

Para O: $6a + 2b = 2c + d$

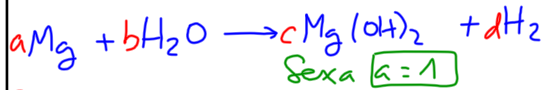
$$6 + 2b = 12 + 6$$

$$2b = 12 - 6 = 6 \Rightarrow b = 6$$



jun 9-13:20

L229E9j

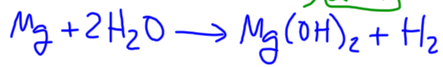


Seja $a=1$

Para Mg: $a = c$; $c=1$

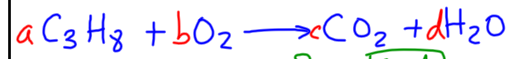
Para H: $2b = 2c + 2d$

Para O: $b = 2c$; $b=2$
 $\rightarrow 4 = 2 + 2d \Rightarrow d=1$



jun 13-11:55

C104E8

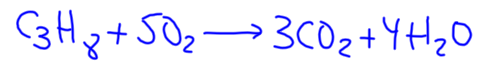


Seja $a=1$

Para C: $3a = c \Rightarrow c=3$

Para H: $8a = 2d$; $d=4$

Para O: $2b = 2c + d$; $2b = 6 + 4 \Rightarrow b=5$



jun 13-11:57

jun 13-17:34