



OEFENING 19

MEGANIKA

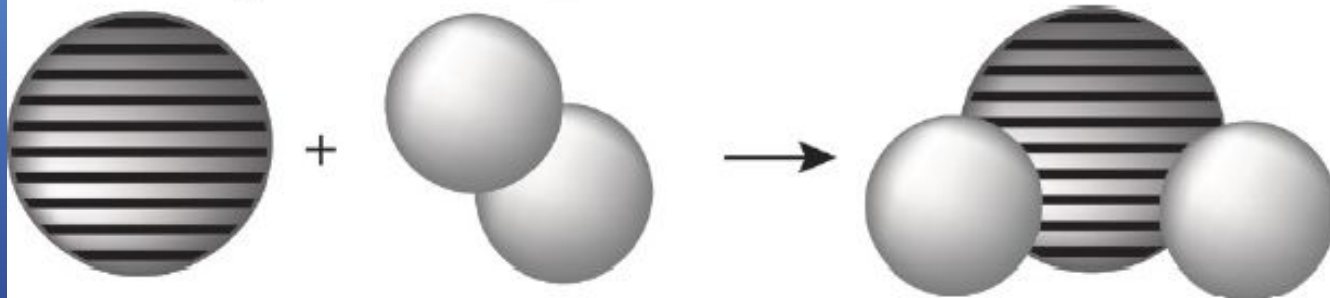
BLADSY 185



Balanseer die volgende chemiese vergelykings deur die korrekte aantal deeltjies by te teken. Skryf ook die vergelyking in simbole.

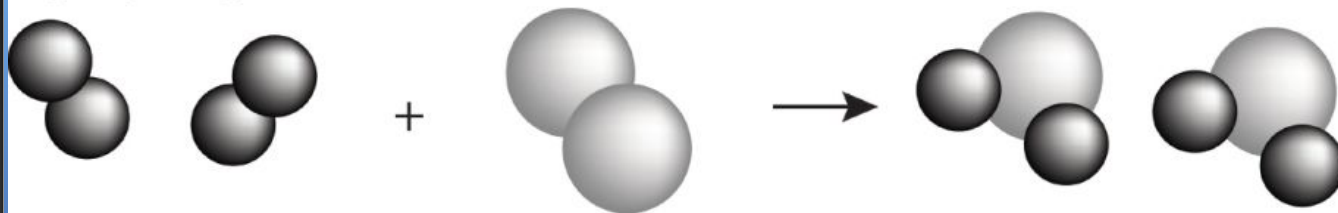


1.1 Kalsium + chloor → kalsiumchloried

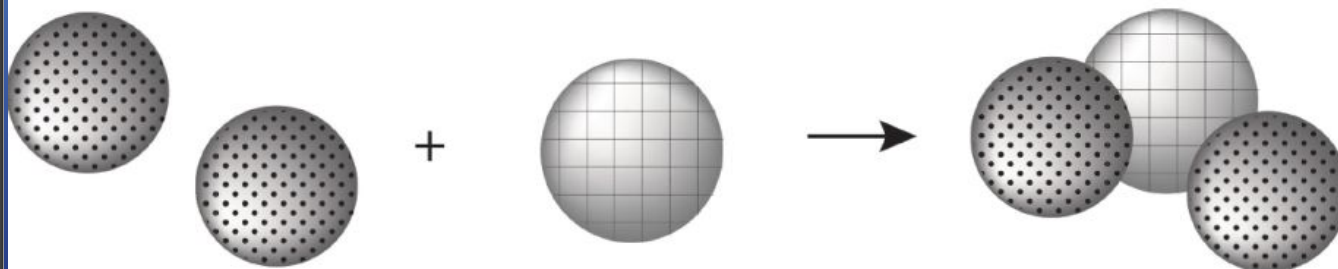




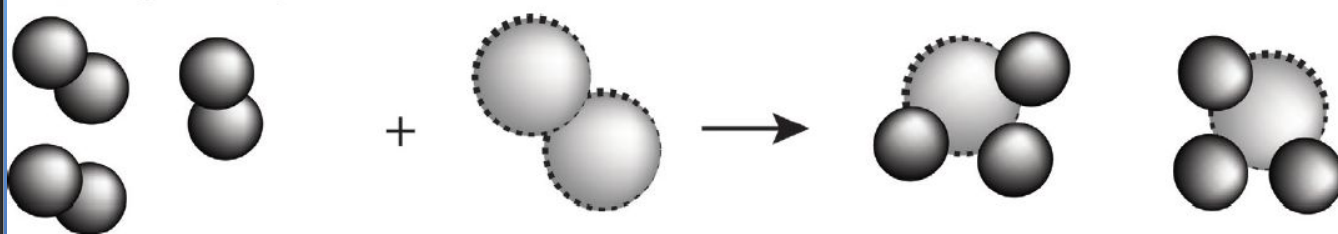
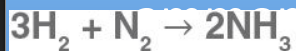
1.2 Waterstof + suurstof →



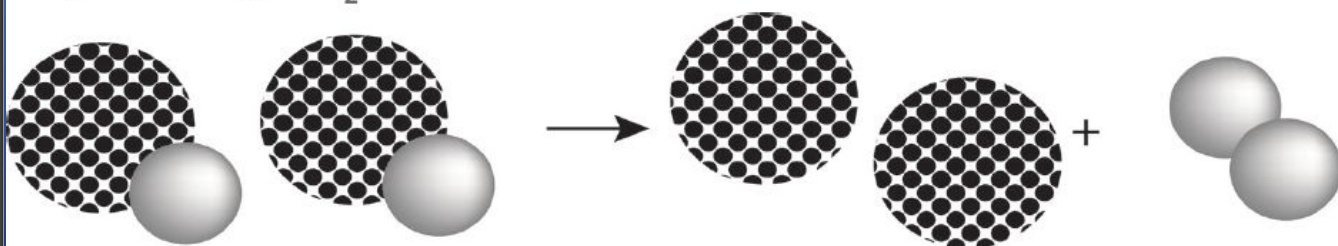
1.3 Kalium + swavel → kaliumsulfied



1.4 Waterstof + stikstof →

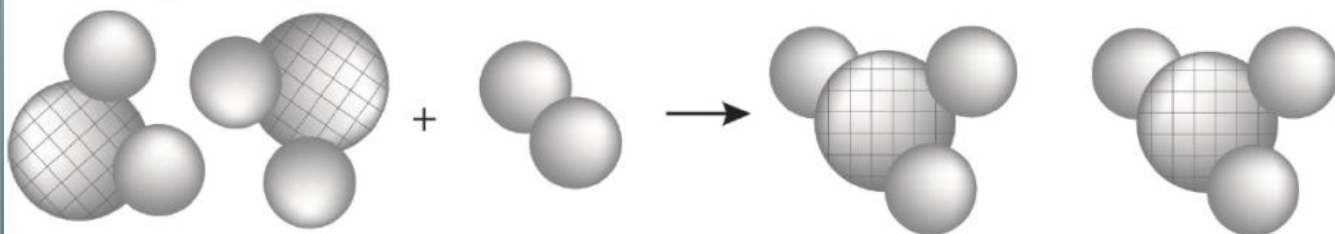


1.5 Kwik(II)oksied → kwik +

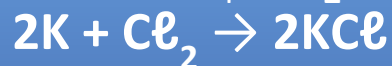


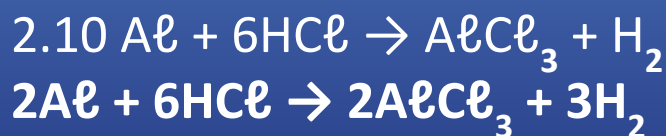
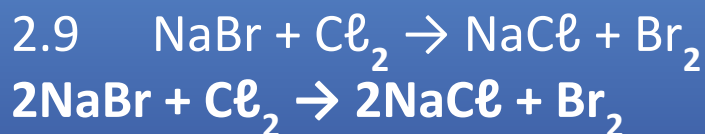
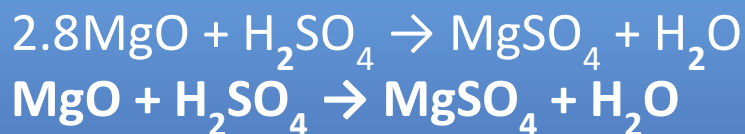
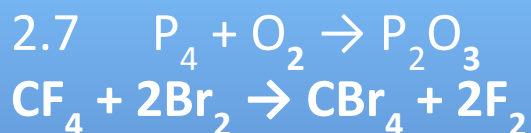


1.6 Swaweldioksied + suurstof → swaweltrioksied

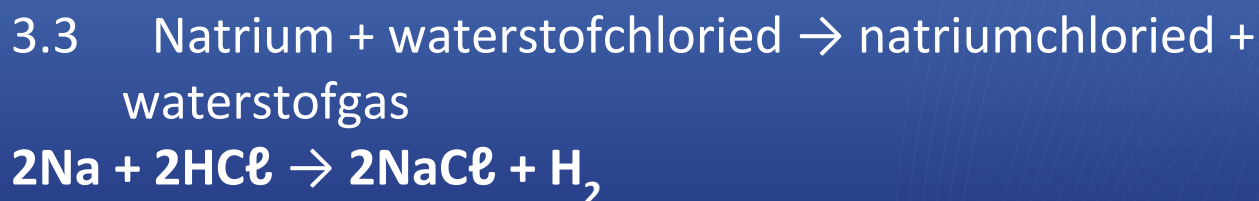


2 Balanseer die volgende chemiese vergelykings:





3 Gebruik die woordvergelyking om die gebalanseerde chemiese vergelyking neer te skryf:





3.4 Ammoniak + suurstof → stikstofmonoksied + water
 $4\text{NH}_3 + 5\text{O}_2 \rightarrow 4\text{NO} + 6\text{H}_2\text{O}$



3.5 Water → suurstof + waterstof
 $2\text{H}_2\text{O} \rightarrow \text{O}_2 + 2\text{H}_2$

3.6 Litium + swawelsuur → litiumsulfaat + waterstof
 $2\text{Li} + \text{H}_2\text{SO}_4 \rightarrow \text{Li}_2\text{SO}_4 + \text{H}_2$

3.7 Yster(II)oksied → yster + suurstof
 $2\text{FeO} \rightarrow 2\text{Fe} + \text{O}_2$



3.8 Waterstofchloried → waterstof + chloor
 $2\text{HCl} \rightarrow \text{H}_2 + \text{Cl}_2$



3.9 Natrium + broom → natriumbromied
 $2\text{Na} + \text{Br}_2 \rightarrow 2\text{NaBr}$

3.10 Kalium + suurstof → kaliumoksied
 $4\text{K} + \text{O}_2 \rightarrow 4\text{K}_2\text{O}$