

Maak de volgende reactievergelijkingen kloppend:

- 1 $\dots \text{Na(s)} + \dots \text{O}_2\text{(g)} \rightarrow \dots \text{Na}_2\text{O(s)}$
- 2 $\dots \text{Pb(s)} + \dots \text{O}_2\text{(g)} \rightarrow \dots \text{Pb}_3\text{O}_4\text{(s)}$
- 3 $\dots \text{H}_2\text{S(g)} + \dots \text{O}_2\text{(g)} \rightarrow \dots \text{H}_2\text{O(g)} + \dots \text{SO}_2\text{(g)}$
- 4 $\dots \text{P}_2\text{O}_5\text{(s)} + \dots \text{H}_2\text{O(l)} \rightarrow \dots \text{H}_3\text{PO}_4\text{(aq)}$
- 5 $\dots \text{NH}_3\text{(g)} + \dots \text{O}_2\text{(g)} \rightarrow \dots \text{NO(g)} + \dots \text{H}_2\text{O(g)}$
- 6 $\dots \text{SiO}_2\text{(s)} + \dots \text{HF(g)} \rightarrow \dots \text{SiF}_4\text{(s)} + \dots \text{H}_2\text{O(l)}$
- 7 $\dots \text{Fe}_2\text{O}_3\text{(s)} + \dots \text{C(s)} \rightarrow \dots \text{Fe(s)} + \dots \text{CO(g)}$
- 8 $\dots \text{Cr}_2\text{O}_3\text{(s)} + \dots \text{H}_2\text{(g)} \rightarrow \dots \text{Cr(s)} + \dots \text{H}_2\text{O(l)}$
- 9 $\dots \text{Fe}_2\text{O}_3\text{(s)} + \dots \text{CO(g)} \rightarrow \dots \text{Fe(s)} + \dots \text{CO}_2\text{(g)}$
- 10 $\dots \text{C}_6\text{H}_{10}\text{(l)} + \dots \text{O}_2\text{(g)} \rightarrow \dots \text{CO}_2\text{(g)} + \dots \text{H}_2\text{O(g)}$
- 11 $\dots \text{C}_2\text{H}_6\text{SO}_4\text{(l)} + \dots \text{O}_2\text{(g)} \rightarrow \dots \text{CO}_2\text{(g)} + \dots \text{H}_2\text{O(g)} + \dots \text{SO}_2\text{(g)}$
- 12 $\dots \text{C}_4\text{H}_9\text{O}_2\text{N(l)} + \dots \text{O}_2\text{(g)} \rightarrow \dots \text{CO}_2\text{(g)} + \dots \text{H}_2\text{O(g)} + \dots \text{N}_2\text{(g)}$
- 13 $\dots \text{CuO(s)} + \dots \text{NH}_3\text{(g)} \rightarrow \dots \text{N}_2\text{(g)} + \dots \text{Cu(s)} + \dots \text{H}_2\text{O(l)}$

Uitwerkingen

- 1 $4 \text{ Na(s)} + \text{O}_2\text{(g)} \rightarrow 2 \text{ Na}_2\text{O(s)}$
- 2 $3 \text{ Pb(s)} + 2 \text{ O}_2\text{(g)} \rightarrow \text{Pb}_3\text{O}_4\text{(s)}$
- 3 $2 \text{ H}_2\text{S(g)} + 3 \text{ O}_2\text{(g)} \rightarrow 2 \text{ H}_2\text{O(g)} + 2 \text{ SO}_2\text{(g)}$
- 4 $\text{P}_2\text{O}_5\text{(s)} + 3 \text{ H}_2\text{O(l)} \rightarrow 2 \text{ H}_3\text{PO}_4\text{(aq)}$
- 5 $4 \text{ NH}_3\text{(g)} + 5 \text{ O}_2\text{(g)} \rightarrow 4 \text{ NO(g)} + 6 \text{ H}_2\text{O(g)}$
- 6 $\text{SiO}_2\text{(s)} + 4 \text{ HF(g)} \rightarrow \text{SiF}_4\text{(s)} + 2 \text{ H}_2\text{O(l)}$
- 7 $\text{Fe}_2\text{O}_3\text{(s)} + 3 \text{ C(s)} \rightarrow 2 \text{ Fe(s)} + 3 \text{ CO(g)}$
- 8 $\text{Cr}_2\text{O}_3\text{(s)} + 3 \text{ H}_2\text{(g)} \rightarrow 2 \text{ Cr(s)} + 3 \text{ H}_2\text{O(l)}$
- 9 $\text{Fe}_2\text{O}_3\text{(s)} + 3 \text{ CO(g)} \rightarrow 2 \text{ Fe(s)} + 3 \text{ CO}_2\text{(g)}$
- 10 $2 \text{ C}_6\text{H}_{10}\text{(l)} + 17 \text{ O}_2\text{(g)} \rightarrow 12 \text{ CO}_2\text{(g)} + 10 \text{ H}_2\text{O(g)}$
- 11 $2 \text{ C}_2\text{H}_6\text{SO}_4\text{(l)} + 5 \text{ O}_2\text{(g)} \rightarrow 4 \text{ CO}_2\text{(g)} + 6 \text{ H}_2\text{O(g)} + 2 \text{ SO}_2\text{(g)}$
- 12 $4 \text{ C}_4\text{H}_9\text{O}_2\text{N(l)} + 21 \text{ O}_2\text{(g)} \rightarrow 16 \text{ CO}_2\text{(g)} + 18 \text{ H}_2\text{O(g)} + 2 \text{ N}_2\text{(g)}$
- 13 $3 \text{ CuO(s)} + 2 \text{ NH}_3\text{(g)} \rightarrow \text{N}_2\text{(g)} + 3 \text{ Cu(s)} + 3 \text{ H}_2\text{O(l)}$