## **CHAPTER 4** Balancing Chemical Equations

**Goal** • Practise writing skeleton equations and balanced equations.

1.	
Word equation	iron + sulphur $\rightarrow$ iron(II) sulphide
Skeleton equation	
Balanced equation	

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Word equation	calcium + oxygen $\rightarrow$ calcium oxide
Skeleton equation	
Balanced equation	

3.	
Word equation	calcium oxide + carbon dioxide $\rightarrow$ calcium carbonate
Skeleton equation	
Balanced equation	

4.

Word equation	$copper(II) oxide \rightarrow copper + oxygen$
Skeleton equation	
Balanced equation	

5.

Word equation	barium chloride + potassium sulphate $\rightarrow$ barium sulphate + potassium chloride
Skeleton equation	
Balanced equation	

6.

Word equation	potassium + water $\rightarrow$ potassium hydroxide + hydrogen
Skeleton equation	
Balanced equation	

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