

Chemistry – Chapter 11 Book assignment #1: Skeleton equations, balancing practice

1. Write a sentence that describes this chemical reaction:

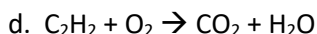
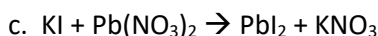
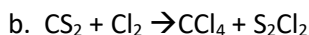
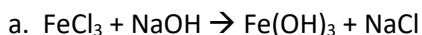


2. Sulfur burns in oxygen to form sulfur dioxide. Write a skeleton equation for this chemical reaction.

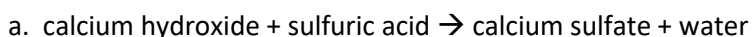
3. Balance the equation: $\text{CO} + \text{Fe}_2\text{O}_3 \rightarrow \text{Fe} + \text{CO}_2$

4. Write the balanced chemical equation for the reaction of carbon with oxygen to form carbon monoxide.

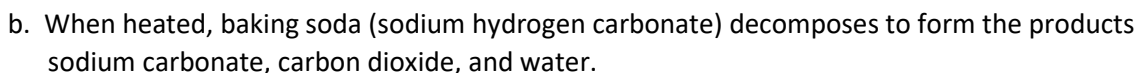
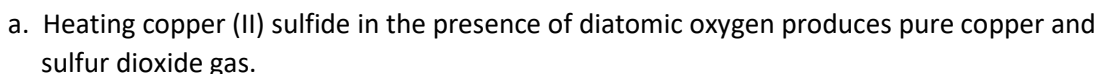
5. Balance the equation.



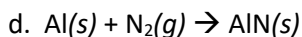
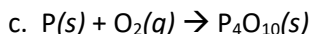
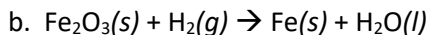
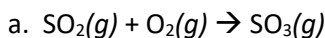
6. Write and balance these equations.



7. Write skeleton equations for these reactions.



8. Balance the following equations:



9. Write and balance equations for the following reactions:

