

S4 Chemistry Quiz
Concentrated Sulphuric acid

Write the chemical / ionic equation when these substances were mixed.
State the role of conc. H_2SO_4 in each case.

1. Cu(s) vs $\text{H}_2\text{SO}_4(\text{l})$
2. $\text{CuCO}_3(\text{s})$ vs $\text{H}_2\text{SO}_4(\text{l})$
3. NaF(s) vs $\text{H}_2\text{SO}_4(\text{l})$
4. Glucose(s) ($\text{C}_6\text{H}_{12}\text{O}_6$) vs $\text{H}_2\text{SO}_4(\text{l})$
5. NaBr(s) vs $\text{H}_2\text{SO}_4(\text{l})$
6. $\text{FeSO}_4 \cdot 7\text{H}_2\text{O(s)}$ vs $\text{H}_2\text{SO}_4(\text{l})$
7. Paper(s) ($\text{C}_6\text{H}_{10}\text{O}_5$)_n(s) vs $\text{H}_2\text{SO}_4(\text{l})$
8. NaI(s) vs $\text{H}_2\text{SO}_4(\text{l})$
9. Sucrose(s) ($\text{C}_{12}\text{H}_{22}\text{O}_{11}$) vs $\text{H}_2\text{SO}_4(\text{l})$
10. CuO(s) vs vs $\text{H}_2\text{SO}_4(\text{l})$