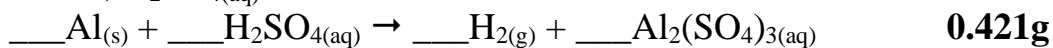
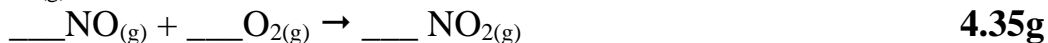


BCI SCIENCE
SCH 4CI**Worksheet:**
Stoichiometry #2

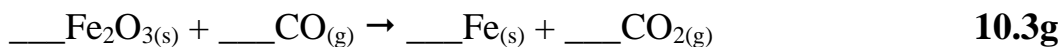
1. What mass of hydrogen, $\text{H}_{2(\text{g})}$, is produced when 3.75 g of aluminum, $\text{Al}_{(\text{s})}$, reacts with sulphuric acid, $\text{H}_2\text{SO}_{4(\text{aq})}$?



2. What mass of nitrogen dioxide, $\text{NO}_{2(\text{g})}$, is produced from 2.84 g of nitrogen monoxide, $\text{NO}_{(\text{g})}$?



3. What mass of carbon dioxide, CO_2 , is produced from 12.4 g of iron(III)oxide, $\text{Fe}_2\text{O}_{3(\text{s})}$?



4. What mass of methane, $\text{CH}_{4(\text{g})}$, is required if 4.08 g of hydrogen sulphide, $\text{H}_2\text{S}_{(\text{g})}$?

