

Name: _____

Reactivity of Metals

Complete the following worded equation for the reaction between a reactive metal and an acid.

General equation: metal + _____ $\longrightarrow$ metal _____ +

1. Potassium + sulphuric acid $\longrightarrow$ _____ sulphate + hydrogen.
2. Potassium + hydrochloric acid $\longrightarrow$ potassium _____ + hydrogen.
3. Magnesium + nitric acid $\longrightarrow$ _____ + hydrogen.
4. Magnesium + sulphuric acid $\longrightarrow$ magnesium _____ + _____.
5. Lithium + hydrochloric acid $\longrightarrow$ lithium _____ + hydrogen.
6. Iron + nitric acid $\longrightarrow$ _____ nitrate + _____.
7. Magnesium + _____ $\longrightarrow$ magnesium chloride + _____.