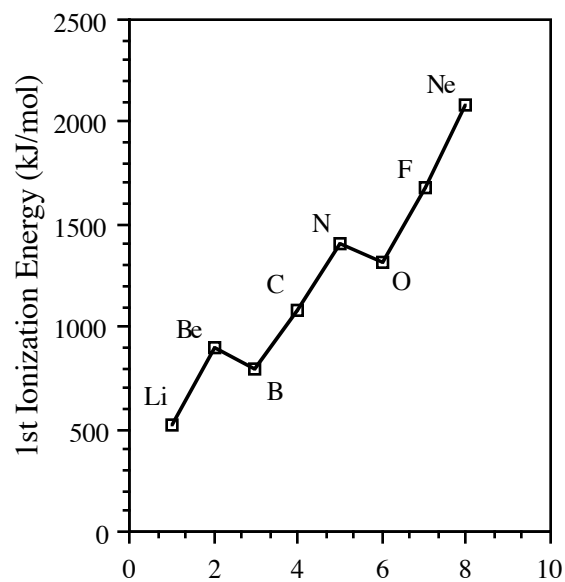


b.

1st Ionization Energy in the 1st Period



11. Predict the products of the following reactions.

a) A sample of potassium is added to water at 25° C →

b) $\text{Mg}(s) + \text{S}(s) \rightarrow$

c) Sodium solid is dropped into a sample of bromine →

d) $\text{Ba}(s) + \text{O}_2(g) \rightarrow$