

Episode 19 - Metals

1. What fraction of the elements on the periodic table are metals?
2. What are some physical properties of metals?
3. In general, what happens to metals in chemical reactions?
4. What happens in the thermite reaction?
5. What are some uses of the thermite reaction?
6. What is meant by "delocalized" electrons?
7. What materials are needed to produce iron?
8. What is meant by a reducing agent?
9. What are two methods of reducing ores to pure metals?
10. How much energy is required to recycle aluminum as compared to forming new metal?
11. What is an alloy? List some common examples.