

## Transparency Worksheet



Name \_\_\_\_\_

Class \_\_\_\_\_ Date \_\_\_\_\_

### Safety Logos

1. Which logo alerts you to the general safety procedures in an investigation? \_\_\_\_\_  
\_\_\_\_\_
2. Why should you be familiar with all the safety logos and **CAUTIONS** *before* beginning an investigation? \_\_\_\_\_  
\_\_\_\_\_
3. (a) In an investigation that uses a burner or a flame to heat a test tube containing a chemical, which safety logos would be shown? \_\_\_\_\_  
\_\_\_\_\_
- (b) What safety procedures should be followed? \_\_\_\_\_
4. When you see the symbol that shows three segments of a circle arranged in a triangle around a smaller circle, what does this symbol tell you about the investigation? What safety procedures should be followed? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Critical Thinking

5. (a) Nitric acid is a corrosive, irritating chemical that gives off noxious fumes. Predict the logos that would be included in an investigation using nitric acid. \_\_\_\_\_  
\_\_\_\_\_
- (b) What safety procedures should be followed? \_\_\_\_\_
6. Write the safety procedures to be followed in an investigation that uses the following logos: skull-and-cross bones, apron, safety goggles, gloved hand, and electric plug. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_