

# Instant Light Worksheet

## Discussion Questions

1. Describe what happened in this demonstration.
  
2. The Instant Light mixture contained potassium ferricyanide, luminol, and Clorox 2, which provides sodium perborate and sodium carbonate. Which of these chemicals served as a catalyst in this reaction?
  
3. In chemiluminescence, a molecule in an “excited” state (i.e. electrons are at a high energy level) is produced. The electrons in the molecule then must return to their stable state (i.e. lower energy level). Explain how this is linked to the production of light.