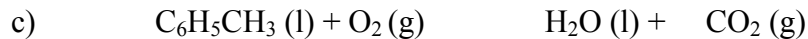
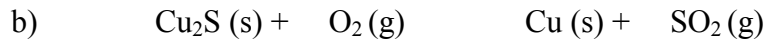
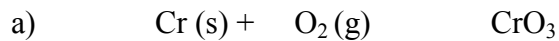


Quiz 2B

Name: _____
Student No.: _____
Section No.: 64 65

1. What is the name of your instructor?

2. Balance the following equations:



2. WJR, an AM radio station in Detroit, broadcasts at 760 kHz (1kHz = 1000 Hz.) What is the wave length of this signal in meters? What is the energy of one photon of this frequency? How many waves will you find at any given time from the transmitter located at the top of the Fisher Building to your recitation instructors radio in East Lansing, approximately 90 miles away. (1 km = 1000 m) (1 mile = 1.61 km)

4. Give the electron configuration of As.

5. What is the wave/particle theory of light?