**Mini-quiz #3 Chemistry 1114 section 2 (Fong) 2 Sept 2012 A**

Your name:\_\_\_\_\_\_\_\_**answers**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.1. Name for Rutherford ‘s famous experiment: “ \_\_\_\_**gold foil**\_\_\_\_\_\_\_\_\_\_\_” experiment

3.2. Convert 400,000 inches to miles. 400,000 inches = \_\_\_\_\_**6.3**\_\_\_\_\_\_\_\_\_\_ miles

 (12 inches = 1 foot ; 5280 feet = 1 mile)

3.3 Robert Boyle provided an operational definition for: \_\_\_**elements**\_\_\_\_\_\_

3.4 John Dalton provided an experimentally grounded model for: \_\_\_\_**compounds**\_\_\_\_\_\_\_\_

3.5. Chemistry is about \_\_\_\_\_\_\_**change**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Mini-quiz #3 Chemistry 1114 section 2 (Fong) 2 Sept 2012 B**

Your name:\_\_\_\_\_\_\_\_\_\_\_\_ **answers** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.1. Convert 600,000 inches to miles. 600,000 inches = \_\_\_\_\_\_**9.47**\_\_\_\_\_\_\_\_ miles

 (12 inches = 1 foot ; 5280 feet = 1 mile)

3.2 John Dalton provided an experimentally grounded model for: \_\_\_**compounds**\_\_\_\_\_\_

3.3 Robert Boyle provided an operational definition for: \_\_\_\_**elements**\_\_\_\_\_\_

3.4. Chemistry is about \_\_\_\_\_\_\_**change**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.5 Atoms are mostly \_\_\_\_\_\_\_\_\_**empty**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_space.

**Mini-quiz #3 Chemistry 1114 section 2 (Fong) 2 Sept 2012 C**

Your name:\_\_\_\_\_\_\_\_\_\_\_ **answers** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.1. Convert 200,000 inches to miles. 200,000 inches = \_\_\_\_**3.16**\_\_\_\_\_\_\_\_\_\_\_ miles

 (12 inches = 1 foot ; 5280 feet = 1 mile)

3.2. Robert Boyle provided an operational definition for: \_\_**elements**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.3 John Dalton provided an experimentally grounded model for: \_\_\_**compounds**\_\_\_\_\_\_\_\_\_\_\_

3.4 Atoms are mostly \_\_\_\_\_\_\_**empty**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_space.

3.5. Name for Rutherford ‘s famous experiment: “ \_\_**gold leaf**\_\_\_\_\_\_\_\_\_\_\_\_\_” experiment