

CHEM 1100 Practice for Quiz 3 Dr. Stone Spring 2014

1. Rutherford used _____ to determine_____.
2. JJ Thompson used _____ to measure the _____ of an electron.
3. Millikan used _____ to determine_____.

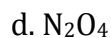
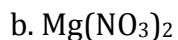
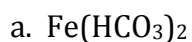
5. For this isotope: ^{235}U , fill in the blanks:

atomic number_____ mass number_____ protons_____ neutrons_____ electrons_____

6. How many iron atoms are present in 55.845 grams of Iron?

7. What is the product when Radon-222 emits an alpha particle.

8. Name the following compounds, correct spelling is essential:



9. Give the formulas for the following compounds:

a. Manganese (VI) chromate

b. Lithium carbonate

c. Phosphorous pentachloride

d. Potassium nitrite