

4.2 Worksheet

Name: _____

1. What is the atomic number for the following atoms?

He _____ Co _____ Hg _____ Pa _____

2. How many neutrons are in the following atoms?

He _____ Co _____ Hg _____ Pa _____

3. What is the average atomic mass for the following atoms

a. X-45 (45%), X-46 (55%)

b. Gk-123 (10%), Gk-125 (30%), Gk-126 (60%)

4. Circle the more common isotope?

a. Ca-40 or Ca-41

b. Br-79 or Br-80

c. Na-22 or Na-23

5. What is the molar mass for the following?

a. Ca _____

b. Mn _____

c. Water _____

d. $\text{Mn}(\text{OH})_2$ _____

6. How many moles are there in 456 grams of Calcium?

