

Name: _____
Date: _____
Block: _____

Periodic Table Practice

1. Identify the following:

a. Rh _____
b. Zr _____
c. W _____
d. Es _____

e. Na _____
f. Os _____
g. Fe _____
h. Br _____

2. How many protons can be found in the nucleus of the following elements?

a. Cf _____
b. Pm _____
c. Mo _____
d. Sn _____

e. Er _____
f. Cr _____
g. Yb _____
h. I _____

3. What is the mathematical formula for calculating the number of neutrons?

4. When calculating neutrons we must take into account isotopes exist for every element and therefore round off the _____

5. How many neutrons can be found in the nucleus of the following elements?

a. N _____
b. Mg _____
c. Tc _____
d. S _____

e. Cs _____
f. P _____
g. Kr _____
h. Cu _____

6. Carbon has 6 protons in its nucleus, how electrons does it have orbiting the nucleus? _____

7. Use hollow circles ○ to represent protons and dark circles ● to represent neutrons and then diagram the nucleus only of:

a. Carbon 12 – a single carbon atom with an atomic mass of 12

b. Carbon 14 – a single carbon atom with an atomic mass of 14