





WORD BANK

A. ATOMIC MASS

**B. NUCLEUS** 

C. ATOM

D. ISOTOPE

E. NEUTRON

F. PROTON

G. MASS NUMBER

H. ELECTRON

9. Label each part of the Periodic Table square:

## SUM IT UP!

Match each statement with the correct word from the word bank.

- \_\_\_\_\_ I. The smallest particle of an element that retains the properties of that element
- \_\_\_\_\_2. A positively charged subatomic particle
- \_\_\_\_\_ 3. A negatively charged subatomic particle
- \_\_\_\_\_ 4. A subatomic particle with no charge
- \_\_\_\_\_ 5. The central part of an atom containing protons and neutrons
- \_\_\_\_\_ 6. Atoms with the same number of protons but different numbers of neutrons
- \_\_\_\_\_ 7. Total number of protons and neutrons in the nucleus
- \_\_\_\_\_ 8. The weighted average of the masses of the isotopes of an element
- 10. Complete the table below by referencing a periodic table. The first row has been completed as an example.

	Chemical Symbol	Atomic Number	Atomic Mass	Mass Number	Isotopic Notation	# of protons	# of electrons	# of neutrons (Show work : Mass Number - Atomic #)
Phosphorous	Р	15	30.97	31	Phosphorous - 31	15	15	31 - 15 = 16
Aluminum								
Potassium								
Argon								
Lead								











How are you feeling about the basics of Atoms? Circle one:

