





NAME: \_\_\_\_\_ DATE: \_\_\_\_\_ PERIOD: \_\_\_\_\_

- b. How can you identify the average atomic mass of an element using the periodic table?
- c. What is the average atomic mass of chlorine? Illustrate how you can determine this using a periodic table.
7. Formatting practice
- a. How should phosphorus-32 be written in symbols?
- b. How should  $^{14}\text{C}$  be written in words?

### CHECKPOINTS

1. Complete the following table

Isotope	Protons	Neutrons	Electrons
Phosphorus-32			
$^{14}\text{C}$			
Silicon-32			
$^{40}\text{Ar}$			
$^4\text{He}$			
Potassium-40			
Gold-197			
$^{11}\text{B}$			

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2. What is the atomic mass of the following?

a. Oxygen with 8 neutrons

b. Iodine with 74 neutrons

c. Iron with 30 neutrons

d. Silver with 61 neutrons