

# ATOMIC STRUCTURE and the Periodic Table

NAME \_\_\_\_\_

1. Atomic number is equal to the number of \_\_\_\_\_.

2. Atomic mass is equal to the number of \_\_\_\_\_ and \_\_\_\_\_.

3. The number of \_\_\_\_\_ equals the number of \_\_\_\_\_.

4. The subatomic particles \_\_\_\_\_ and \_\_\_\_\_ weigh about the same.

**COMPLETE THE FOLLOWING CHART:**

	ATOMIC NUMBER	ATOMIC MASS	PROTONS	NEUTRONS	ELECTRONS
5.	1	1	_____	_____	_____
6.	_____	4	2	_____	_____
7.	_____	_____	2	2	2
8.	8	_____	_____	8	8
9.	35	80	_____	_____	_____
10.	_____	_____	42	53	42
11.	56	_____	_____	81	_____
12.	_____	_____	26	29	_____
13.	80	201	_____	_____	_____
14.	80	205	_____	_____	_____
15.	79	205	_____	_____	_____

16. Of 13-15, which are isotopes: \_\_\_\_\_ + \_\_\_\_\_

