NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quiz 1 Matter

Match these Terms

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | Atom                                      | A | A chart that shows all the elements known to man |
| 2 | Molecule | B | an atom that is defined by the number of protons they possess. |
| 3 | Compound | C | a group of atoms bonded together |
| 4 | Periodic Table | D | Unit to measure mass |
| 5 | Grams | E | the smallest particle of a substance that can exist by itself  |
| 6 | Matter | F | Anything that takes up space |
| 7 | Element | G | molecule that has two or more elements  |

1 E

2 C

3 G

4 A

5 D

6 F

7 B

Label these parts

|  |
| --- |
| ELECTRON     PROTON     NUCLEUS     NEUTRONS  |



1 PROTON  2 NUCLEUS

3 ELECTRONS 4 NUCLEUS



Using the diagram above. Tell me what element has the said amount of protons (use the short names in the diagram)

1) 4 protons BE

2) 6 protons C

3) 1 protons H

4) 9 protons F

5) 15 protons P

Multiple Choice

1. What is mass measured by?

 **a. grams**

 b. kilograms

 c. centimeters

2. What is too small to be seen by the human eye?

 a. molecules

 **b. atoms**

 c. protons

3. How many grams equal a kilogram?

 **a. 1000**

 b. 5000

 c. 4000

4. What makes up an atom?

 a. protons

 b. proton and neutrons

 **c. protons, neutrons, and electrons**

5. What is the nucleus made out of?

 a. proton

 b. neutron

 **c. proton and neutron**

6. What has a certain amount of protons?

 **a. element**

 b. atom

 c. nucleus

7. What is a molecule with two or more elements?

 a. atom

 b. proton

 **c. compound**