

Integrated Science
Summative Assessment
MATTER

I. Choose the correct answer.

1. How many kinds of atom are there in an element?

a. three

b. two

c. one

2. Where can we find the complete list of elements?

a. periodic table

b. conversion chart

c. element table

3. Which of the following best describes a metal?

- a. Dense, shiny, malleable, ductile, good conductors of heat and electricity
- b. Some are shiny, some are dull, some are good conductors, some are malleable
- c. Dull, brittle, poor conductors of energy

4. Fruits juices, milk, and vinegar are acids. Which is not an example of acid?

a. tomato

b. bleach

c. soft drinks

5. What do we use to test the acidity of a solution?

a. litmus paper

b. art paper

c. scientific paper

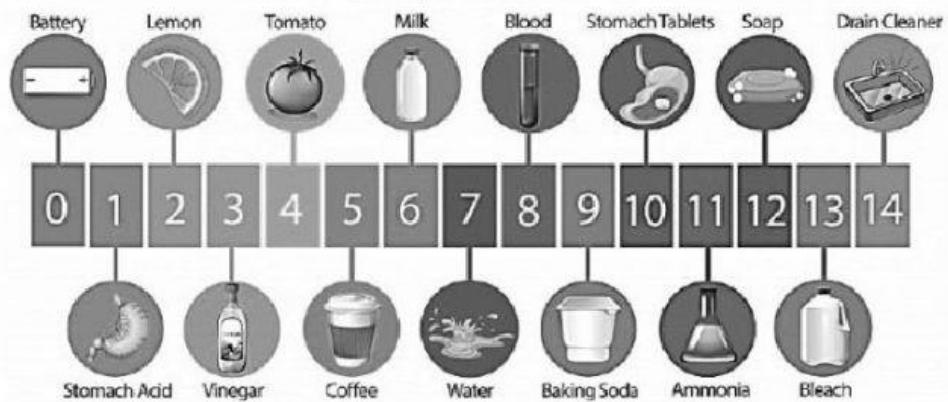
II. Complete the table by providing the missing data. Use the Periodic Table of Elements attached on your Google Classroom assignment.

Group	Period	Symbol	Element	Metal, Non-metal, or Metalloid
8	6			
14			Germanium	

	5	Tc		
17		Cl	Chlorine	
	5	Xe		

III. Using the pH scale, answer the following questions. Type your answer in the box.

The pH Scale



1. What is the pH level of a neutral substance?

2. What substance has a neutral pH?

3. Which substance is the most basic?

4. Which substance is the most acidic?

5. Which is more acidic- milk or blood?

6. What is the lowest pH level of a base?

7. What is the lowest pH level of an acid?

8. What is the highest pH level of a base?

9. What is the highest pH level of an acid?

10. Which is more basic- baking soda or soap?