



Zahrat Al-Sahraa International School

Science Department 2016/2017

Grade 5

Final Exam Worksheet



Name: _____

Date: _____

A- Fill in the blanks:

- 1- All the planets rotate or spin on an imaginary line called _____.
- 2- The inner planets are _____ and _____. But the outer planets are _____ and made up mostly of _____.
- 3- All the planets in a solar system revolve around a star in an elliptical path called _____.
- 4- _____ are rock and iron objects that orbit the sun. Pieces of rock that break off of it are called _____ and travel through space. Most of these pieces burn up in Earth's atmosphere causing a streak of light called _____. But some of them that reach Earth's surface are called _____.
- 5- Air is matter because it has _____ and it has _____.
- 6- _____ is the amount of matter in something, and _____ is the amount of space something takes up.
- 7- All matter has _____ such as texture, odor, and color.
- 8- Density is found by dividing the _____ of an object by its _____.
- 9- Solid, liquid and gas are the most common states of matter on Earth. A liquid is a substance that has a definite _____ but not a definite _____, and its particles slide by each other. A _____ does not have a definite shape or volume, and its particles are _____ from each other.
- 10- Matter has two kinds of properties. Some properties can be observed without changing the type of matter, these are _____ properties. Other properties cannot be observed without changing the identity of matter, these properties are _____.
- 11- Matter can change without changing the type of matter; this change is called a _____.

12- When change of the identity of matter occurs, we can say that the matter is undergoing a _____ change. The process in which new substances are formed during this change is called a _____.

13- A _____ is a combination of two or more substances that keep their _____.

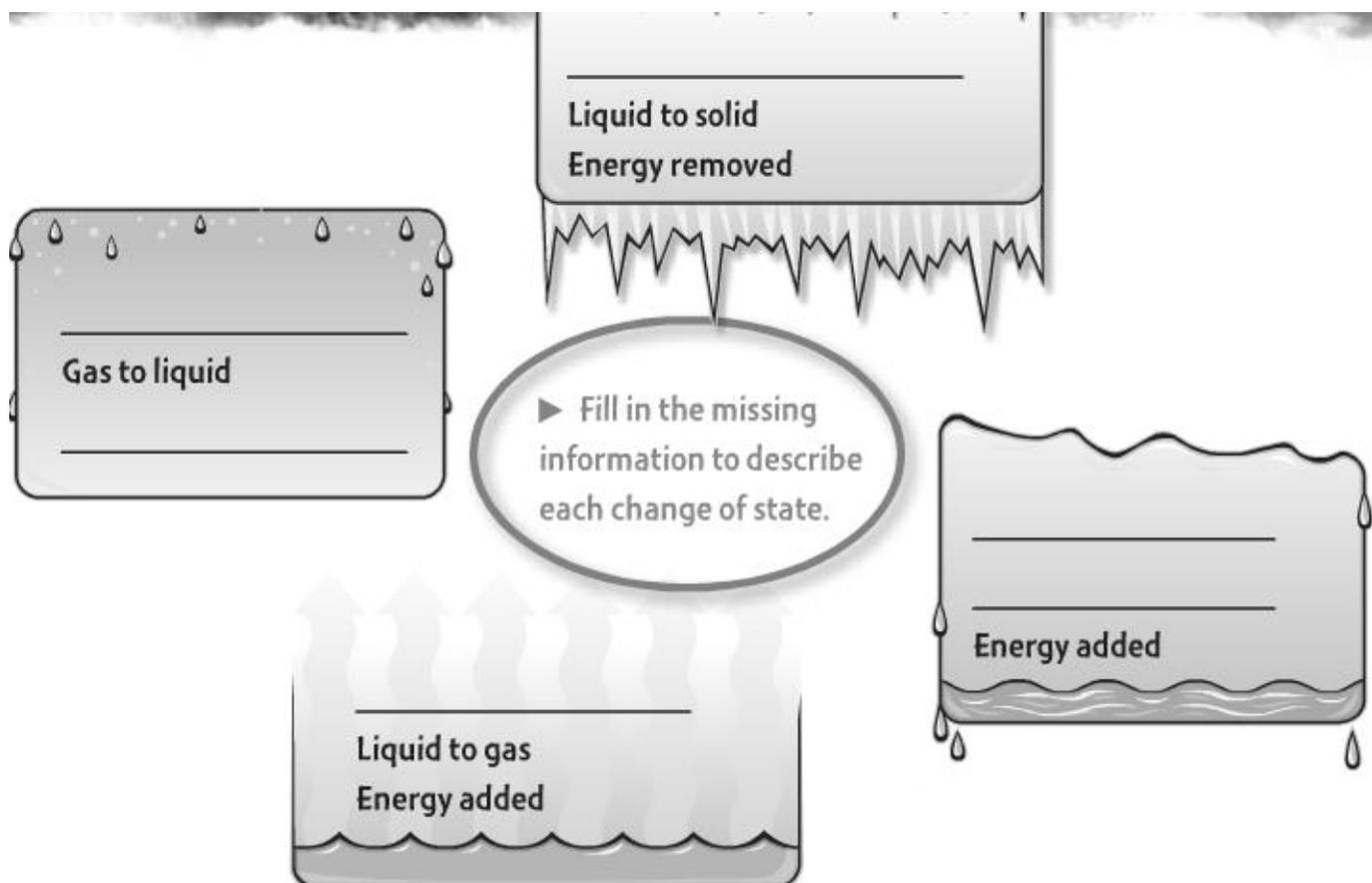
14- If the mixture has the same composition throughout it's called a _____.

15- Both mixtures and solutions are a _____ change.

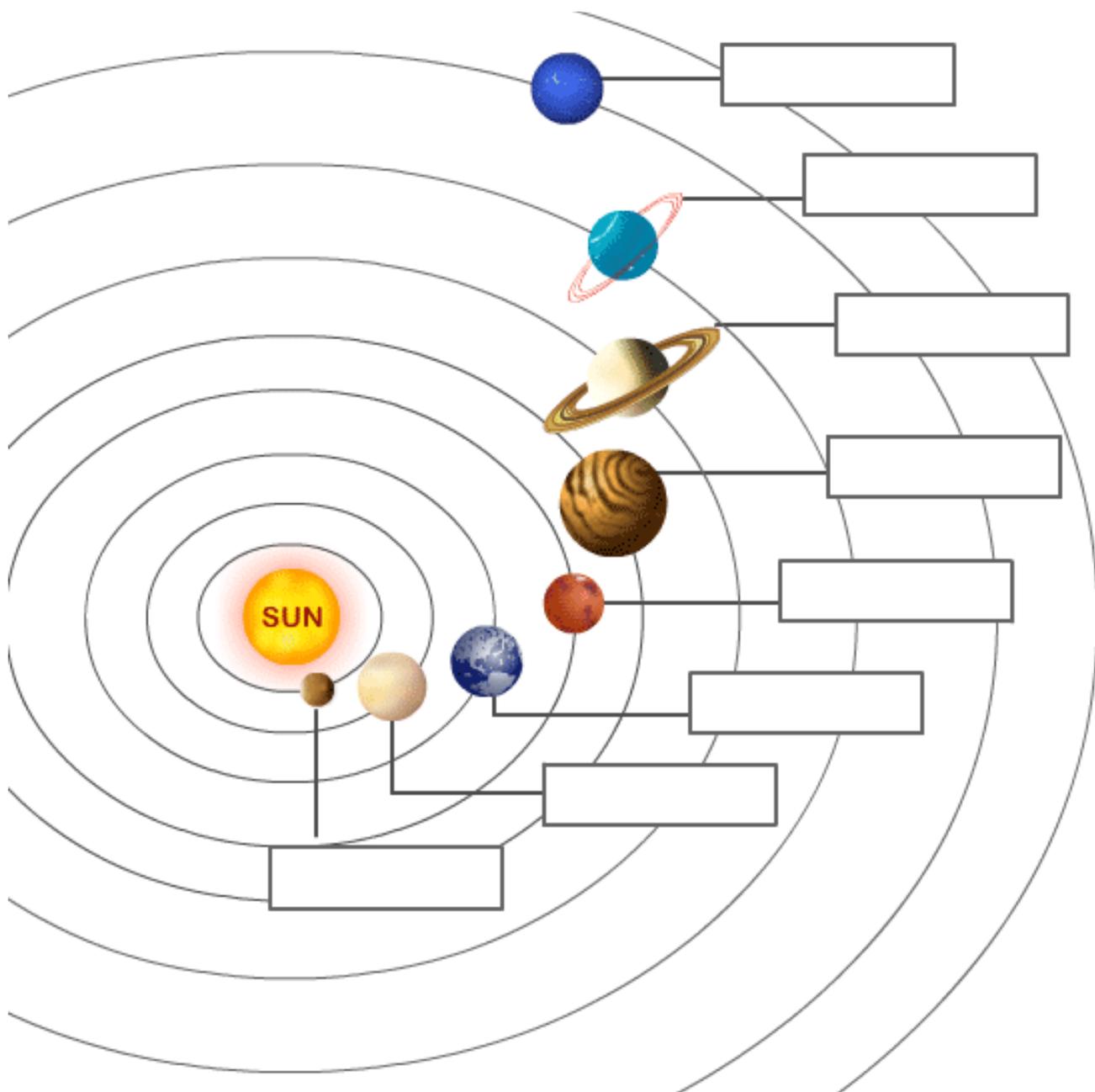
16- Not all solutions are liquids. It can be a solution of different gases such as _____, or a solid solution such as _____ formed from solid copper and solid zinc.

17- Mixtures of metals are called _____.

18- A _____ has holes that some matter can pass through. But a _____ has very tiny openings that only the smallest bits of matter can pass through.



Identify and fill in the names of the planets.



PLANET RESEARCH

Research the major planets in our solar system. When you have found the answers, fill in the planets.

Closest to the sun

Red Planet

Great Red Spot

The hottest planet

9 Rings

The second largest planet

The worksheet contains ten large circles for answers, a central astronaut, and illustrations of Earth, Mars, Jupiter, Saturn, and the Moon. Stars are scattered throughout the page.

Define the following terms:

1- Dwarf planet:

2- Comet:

3- Mesh screen:

4- Filtration:

5- Meteoroid:

6- Solar System:

7- Chemical reaction:

8- Fever:

In the table chart below, would the Volume “increase” or “decrease”?

Type of matter	Temperature	Volume
Air in balloon	Low	
Water in a bottle	Low	
Iron bar	High	
Air inside a football	High	

In the table chart below, Would the rate of change “increase” or “decrease”?

Type of change	Temperature	Rate of change
Ice cube melting	Increase	
Water vapor condensing	Decrease	
Boiling water	Increase	
Spoiling food	Decrease	
Water freezing overnight	Decrease	

What is the difference between evaporation and boiling?

	Speed	Location
Evaporation		
Boiling		

Good Luck!

Ready...
Set...

SUMMER!

