

## حل مراجعة نهائية Revision Exam Final منهج انسباير Inspire



### تم تحميل هذا الملف من موقع المناهج الإماراتية

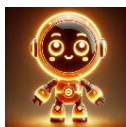
موقع المناهج ← المناهج الإماراتية ← الصف الخامس ← علوم ← الفصل الأول ← ملفات متنوعة ← الملف

تاريخ إضافة الملف على موقع المناهج: 21:51:17 2025-11-19

ملفات اكتب للمعلم اكتب للطالب | اختبارات الكترونية | اختبارات | حلول | عروض بوربوينت | أوراق عمل  
منهج انجليزي | ملخصات وتقارير | مذكرات وبنوك | الامتحان النهائي | للمدرس

المزيد من مادة  
علوم:

### التواصل الاجتماعي بحسب الصف الخامس



صفحة المناهج  
الإماراتية على  
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

### المزيد من الملفات بحسب الصف الخامس والمادة علوم في الفصل الأول

مراجعة نهائية Revision Exam Final منهج انسباير Inspire بدون الحل

1

ملزمة مراجعة نهائية منهج بريدج

2

نموذج اختبار تجريبي وفق الهيكل الوزاري منهج انسباير متبوع بالإجابات

3

حل تدريبات نهائية وفق الهيكل الوزاري منهج انسباير

4

تدريبات نهائية وفق الهيكل الوزاري منهج انسباير بدون الحل

5

**Term 1**

**2025/2026**

**Answer key Science Final Exam Revision**

**Student Name:** \_\_\_\_\_

**Grade 5 ( )**



**Question 1: The table shows some properties of matter. Write the correct physical property from the list below.**

**Conductivity - Reflectivity - Solubility - Magnetism - Corrosion**

| Example of a property                            | Type of the physical property |
|--------------------------------------------------|-------------------------------|
| The ability of matter to dissolve in a liquid.   | <b>Solubility</b>             |
| The way light reflects.                          | <b>Reflectivity</b>           |
| Describes how energy can move through materials. | <b>Conductivity</b>           |
| The ability of a material to be attracted.       | <b>Magnetism</b>              |

**Question 2: The table shows the types of mixtures. Write the correct examples of each mixture from the box below.**

**Solution - Colloid - Suspension - Sugar water**

| Type of mixture     | Example of a mixture |
|---------------------|----------------------|
| <b>Heterogenous</b> | <b>Colloid</b>       |
|                     | <b>Suspension</b>    |
| <b>Homogeneous</b>  | <b>Solution</b>      |
|                     | <b>Sugar water</b>   |

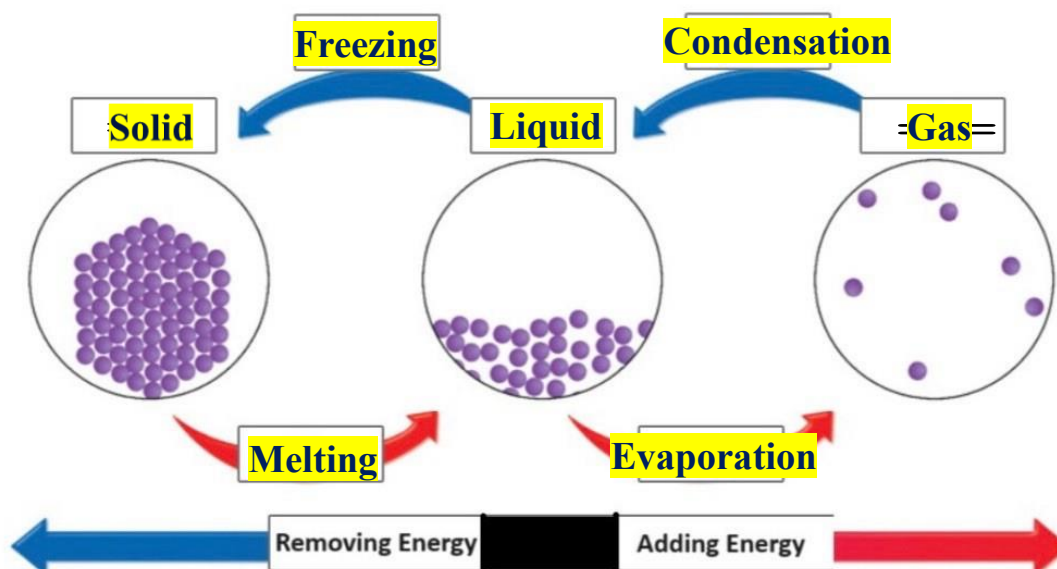
**Question 3:** The table below shows four different mixtures. Write the correct type of each mixture from the list below.

Heterogeneous mixture - Homogenous mixture  
Colloid - Suspension

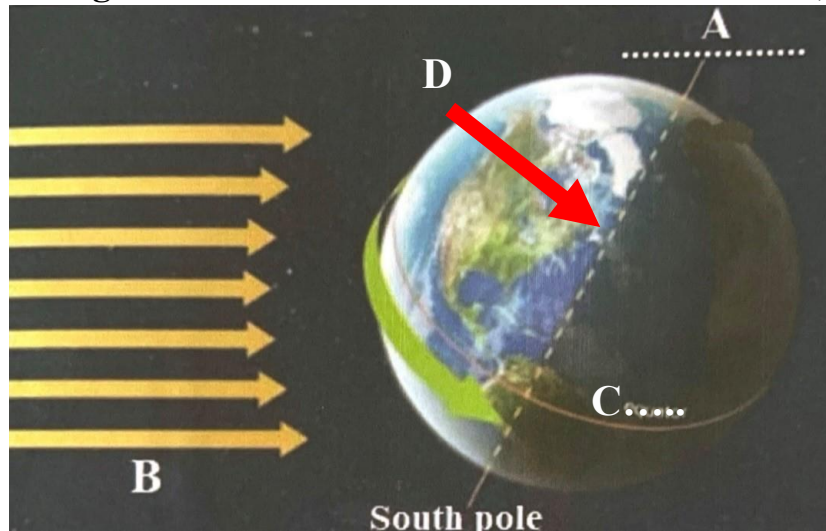
| Example of a mixture | Type of mixture              |
|----------------------|------------------------------|
| Oil and water        | <b>Suspension</b>            |
| Spray paint          | <b>Colloid</b>               |
| Sugar water          | <b>Homogenous mixture</b>    |
| Milk and cereal      | <b>Heterogeneous mixture</b> |

**Question 4:** The figure shows the changing states of matter. Label the process of how each state of matter changes from one to the other using the terms in the box below.

Evaporation - Melting - Freezing - Condensation -  
Liquid - Solid - Gas



**Question 5:** The diagram shows earth's rotation. Label letters A, B, C, and D.



Letter A is **North pole**

Letter B is **sun rays**

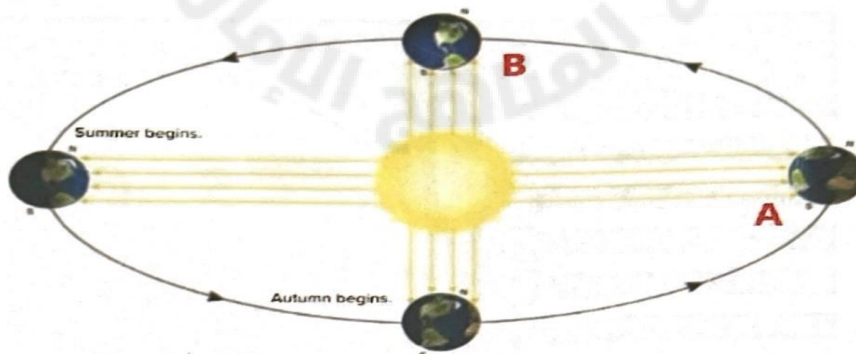
Letter C is **Night**

Letter D is **Axis**

- At any point in time, half of earth's surface faces the sun is in

**Day** The other half of earth's surface faces away from the sun and is in **night**

**Question 6:** The figure shows how seasons change in the northern hemisphere. Label letters A and B.

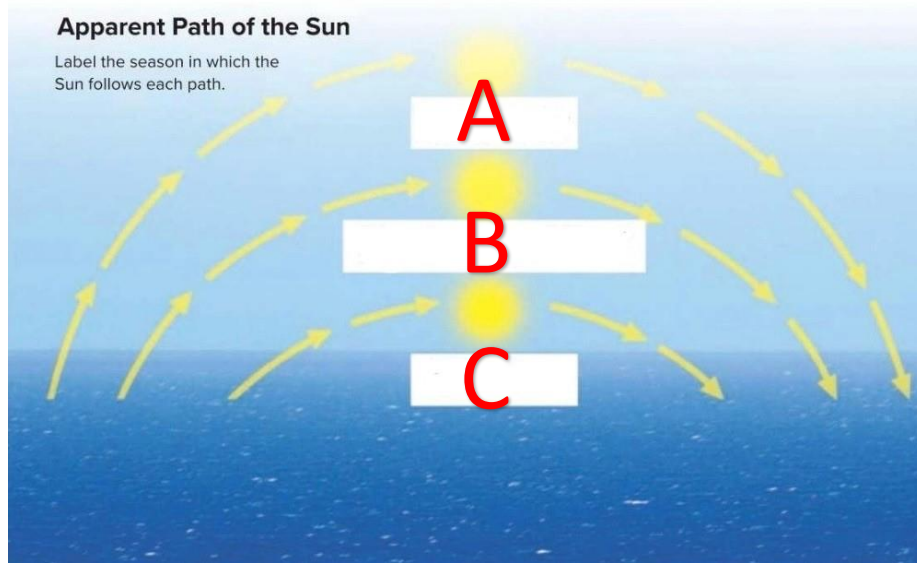


Letter A: **winter**

Letter B: **spring**

- What causes the seasons?
  1. **Revolution of Earth around the sun**
  2. **Earth's tilted axis**

**Question 7: The figure shows the path of the sun. Label the season in which the sun follows each path.**

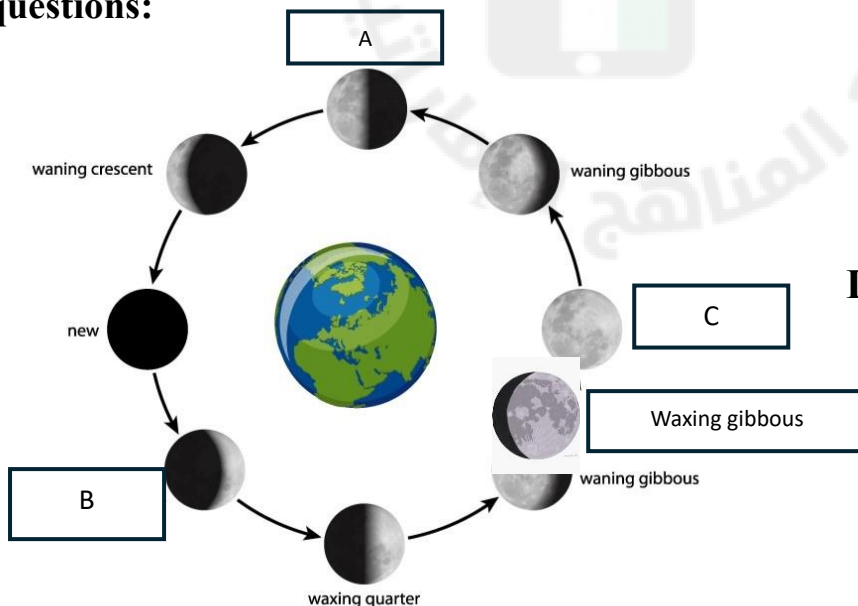


Letter A is **summer**

Letter B is **spring and fall**

Letter C is **winter**

**Question 8: The figure shows the phases of the moon. Answer the following questions:**



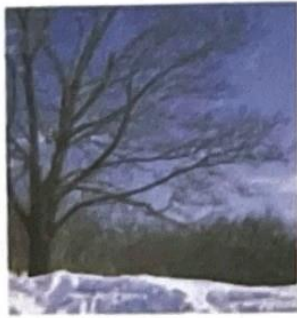
Letter A is **last quarter**

Letter B is **waxing crescent**

Letter C is **full moon**

- As the moon appears to get larger, it is **waxing**
- As the moon appears to get smaller, it is **waning**

**Question 9: The figure shows the four seasons of the year. Write the name of the season below each matching figure.**



about December 21–March 20

**winter**



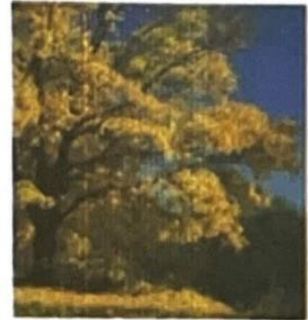
about March 20–June 21

**Spring**



about June 21–September 22

**Summer**



about September 22–December 21

**Fall**

**Question 10: The figure below shows different types of rocks. Which of the following statements is true?**

- A. They have the same mass and volume
- B. They have the same mass and different volume
- ☒ C. They have different mass and volume
- D. They have the same volume and different mass



**Question 11: The figure shows a bicycle that is made up of material that will react with air over time causing it to tarnish. This process is called**

- A. Conductivity
- ☒ B. Corrosion
- C. Magnetism
- D. Solubility



**Question 12: The figure shows wood burning. Which of the following means that a material is able to burn?**

- A. Soluble
- ☒ B. Combustible
- C. Conductive
- D. Corrosive



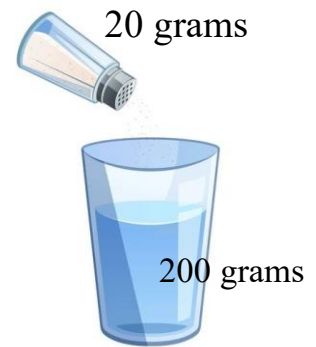
**Question 13:** The figure shows a spoonful of salt that has a mass of 20 grams and a cup of water that has a mass of 200 grams. Which of the following will be the total mass of the saltwater when the salt dissolves in the water?

A. 200 grams

☒ B. More than 200 grams

C. Less than 20 grams

D. Less than 200 grams



**Question 14:** Which of the following is most likely a solution?

A. Muddy water

☒ B. Cranberry Juice

C. Potting soil

D. Cow milk

**Question 15:** The figure shows the reaction of baking soda and vinegar. Which of the following gases is released as bubbles?

A. Carbon

B. Hydrogen

C. Oxygen

☒ D. Carbon dioxide

**Question 16:** Which of the following is an example of soap scum?

A. Temperature change

B. Formation of gas

C. Change in odor

☒ D. Formation of solid

**Question 17:** You are performing an experiment combining two substances in a closed container. You combine 30 g of substance A and 40 g of substance B. A chemical reaction occurs. Choose the equation below that would best explain the total mass of the combined substances.

- A.  $40\text{ g} - 30\text{ g} = 10\text{ g}$
- B.  $70\text{ g} - 40\text{ g} = 30\text{ g}$
- C.  $40\text{ g} \times 30\text{ g} = 1200\text{ g}$
- ☒ D.  $40\text{ g} + 30\text{ g} = 70\text{ g}$

**Question 18:** When energy is added to a solid, the particles \_\_\_\_\_

- ☒ A. move faster
- B. move slower
- C. move closer
- D. don't move

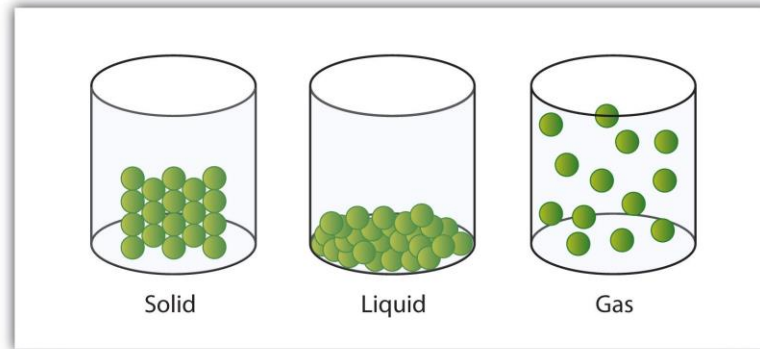
**Question 19:** Liquid has \_\_\_\_\_

- ☒ A. definite volume
- B. definite shape
- C. no definite volume
- D. definite temperature

**Question 20:** Which of the following is NOT an example of chemical change?

- A. Soap scum
- B. Toasted marshmallows
- C. Bubbles from antacid into water
- ☒ D. Bubbles in soda

**Question 21: The figure shows the changing states of matter. Which of the following statements is correct?**



- A. When energy is added to gas, the particles slow down and move more closer.
- B. When energy is removed from solid, the particles start to move more quickly.
- C. When energy is removed from liquid, the particles start to move more quickly.
- ☒ D. When energy is added to solid, the particles start to move more quickly.

**Question 22: Which of the following defines a meteor that strikes earth's surface?**

- A. Planet
- B. Moon
- C. Star
- ☒ D. Meteorite



**Question 23: Which of the following explains why the moon's gravitational pull is weaker than earth?**

- A. The moon has no mass
- B. The moon has an equal mass to earth
- C. The moon has more mass than earth
- ☒ D. The moon has less mass than earth

**Question 24: Which of the following is the primary force responsible for moons orbiting planets and planets orbiting the sun?**

- A. Magnetic force
- B. Electric force
- C. Friction force
- ☒ D. Gravitational force

**Question 25: Which of the following causes the earth's tides?**

- A. Other stars gravitational force
- B. Sun's gravitational force
- C. Other planets gravitational force
- ☒ D. Moon's gravitational force



**Question 26: Which of the following is a large, round object in space that orbits a star?**

- A. Meteorite
- ☒ B. Planet
- C. Galaxy
- D. Asteroid

**Question 27: The summer solstice occurs around June 21st each year. During this time of year, the Northern Hemisphere tilts more toward the .....**

- ☒ A. Sun
- B. Moon
- C. Galaxy
- D. Asteroid

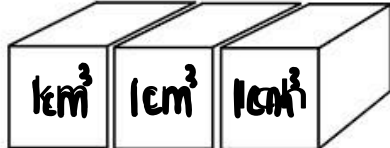
**Question 28:** The figure shows three cubes of the same volume. Which of the following will be more affected by gravity?

A. A only

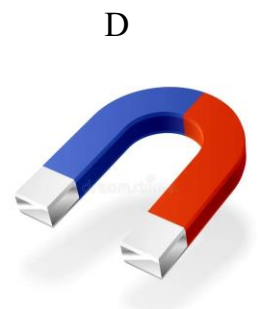
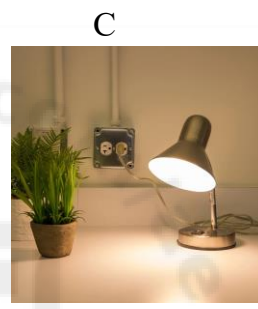
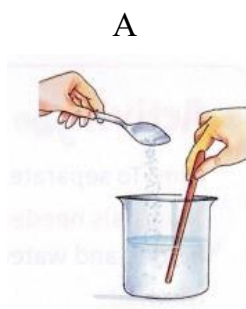
B. B only

**C. C only**

D. A and B only

|                                                                                     |      |        |
|-------------------------------------------------------------------------------------|------|--------|
|  |      |        |
| Foam                                                                                | Wood | Lead   |
| 0.02g                                                                               | 0.8g | 12.45g |

**Question 29:** Which of the following identifies the ability of a material to be attracted to a magnet?



A. A

B. B

C. C

**D. D**

**Question 30:** Use the figure to identify which letter represents a chemical property?



**A. A**

B. B

C. C

D. D

**Question 31: Which of the following is not considered as a physical property?**

- ☒ A. Corrosion
- B. Conductivity
- C. Reflectivity
- D. Solubility

**Question 32: Which of the following is correct about solutions?**

- A. They are a type of heterogeneous mixture
- ☒ B. They are a type of homogeneous mixture
- C. They are a type of colloid
- D. They are a type of aerosol

**Question 33: Which of the following is considered an outer planet?**

- A. Mercury
- B. Venus
- C. Earth
- ☒ D. Neptune

**Question 34: Which of the following is a rock from space that travels through Earth's atmosphere?**

- A. Planet
- B. Moon
- C. Star
- ☒ D. Meteor



**Question 35: Which of the following affects the length of the day, causing more hours of daylight and fewer hours of darkness during the summer?**

- A. The rotation of Earth around the moon
- B. The rotation of Earth around the sun
- C. The rotation of the moon around Earth
- ☒ D. The rotation of Earth around its tilted axis

**Question 36: How long does Earth take to make one complete spin around its axis?**

- A. 96 hours
- B. 72 hours
- C. 48 hours
- ☒ D. 24 hours

**Question 37: Which of the following contains billions of stars, dust, and gas that are held together by gravity?**

- A. Sun
- B. Planet
- C. Meteor
- ☒ D. Galaxy

**Question 38: Which of the following is a belt of space rocks between the inner and the outer planets?**

- A. Meteorites
- B. Tides
- C. Galaxies
- ☒ D. Asteroids

**Question 39: How does matter change from one state to another?**

- ☒ A. Adding energy
- ☒ B. Removing energy
- C. Adding mass
- D. Removing volume

**Question 40: Solid has \_\_\_\_\_ Circle all that apply.**

- ☒ A. Definite volume
- ☒ B. Definite shape
- C. No definite volume
- D. No definite shape

**Question 41: Liquid has \_\_\_\_\_ Circle all that apply.**

- ☒ A. Definite volume
- B. Definite shape
- C. No definite volume
- ☒ D. No definite shape

**Question 42: Gas has \_\_\_\_\_ Circle all that apply.**

- A. Definite volume
- B. Definite shape
- ☒ C. No definite volume
- ☒ D. No definite shape

**Question 43: What is the best definition of matter?**

- A. Anything that moves or makes sound
- ☒ B. Anything that has mass and takes up space

C. Only things that are solids

D. Only non-living things

**Question 44: Matter can be:**

A. Only a solid

B. A solid or liquid

☒ C A solid, liquid, or gas

D. Only a gas

**Question 45: Which of the following is NOT an example of matter?**

A. Air

B. Water

☒ C Sound

D. Ice

**Question 46: What does mass measure?**

A. How much space something takes up

B. How heavy something feels

☒ C How much matter is in an object

D. How big an object looks

**Question 47: What does volume measure?**

A. The weight of an object

☒ B The amount of space an object takes up

C. The color of an object

D. The amount of matter inside an object

**Question 48: Which has more volume: an inflated balloon or a small bag of marbles half its size?**

- ☒ A. The inflated balloon
- B. The bag of marbles
- C. Both have the same volume
- D. The one that weighs more

**Question 49: Which has more mass: an inflated balloon or a small bag of marbles?**

- A. The balloon
- ☒ B. The marbles
- C. Both have the same mass
- D. Neither

**Question 50: What do gas particles do that solids and liquids do not?**

- A. Stay in one place
- B. Move slowly
- ☒ C. Spread out to fill the entire container
- D. Stick together tightly

**Question 50: Which comparison between gases and solids is correct?**

- ☒ A. Gas particles are farther apart than solid particles.
- B. Gas particles are closer together than solid particles.
- C. Gas particles cannot move while solids can.
- D. Gas particles have a fixed shape while solids do not.

**Question 51: Which best explains why gases can be compressed more easily than solids or liquids?**

- ☒ A. Gas particles are very far apart with lots of empty space

- B. Gas particles are tightly packed together
- C. Gas particles cannot move at all
- D. Gas particles are heavier than solids

**Question 52: What happens during a physical change?**

- A. New matter is formed
- ☒ B. The kind of matter stays the same
- C. The properties of the substance change completely
- D. The matter disappears

**Question 53: What happens during a chemical change?**

- A. The matter changes shape but stays the same
- ☒ B. New matter is produced with different properties
- C. The particles move slower
- D. Nothing changes

**Question 54: Which of the following is an example of a chemical change?**

- A. Melting ice
- B. Cutting paper
- ☒ C. Mixing baking soda with vinegar
- D. Boiling water

**Question 55: Which of the following is an example of a physical change?**

- A. Burning wood
- B. Baking a cake
- C. Rusting iron
- ☒ D. Freezing water

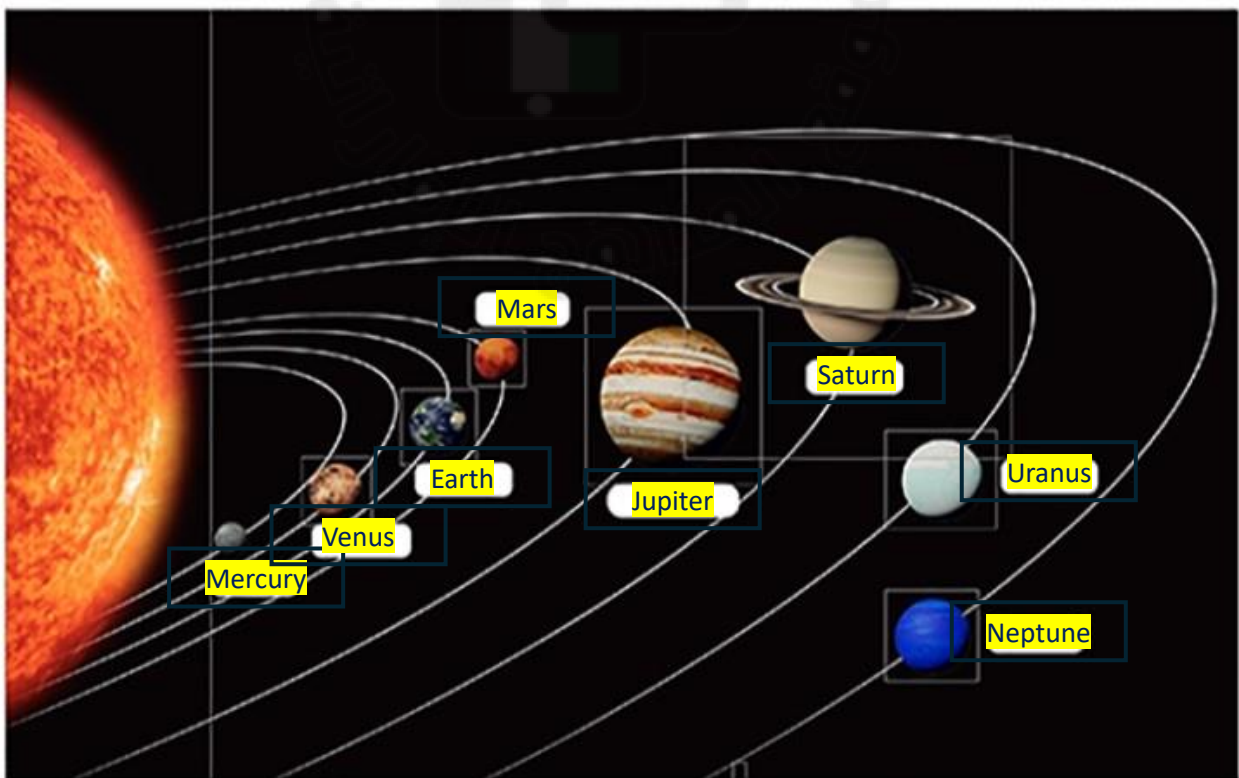
**Question 56: The law of conservation of mass means:**

- A. Mass can be destroyed during a change
- B. Mass can appear from nothing
- ☒ C. Mass is neither created nor destroyed during a physical or chemical change
- D. Mass only exists in solids

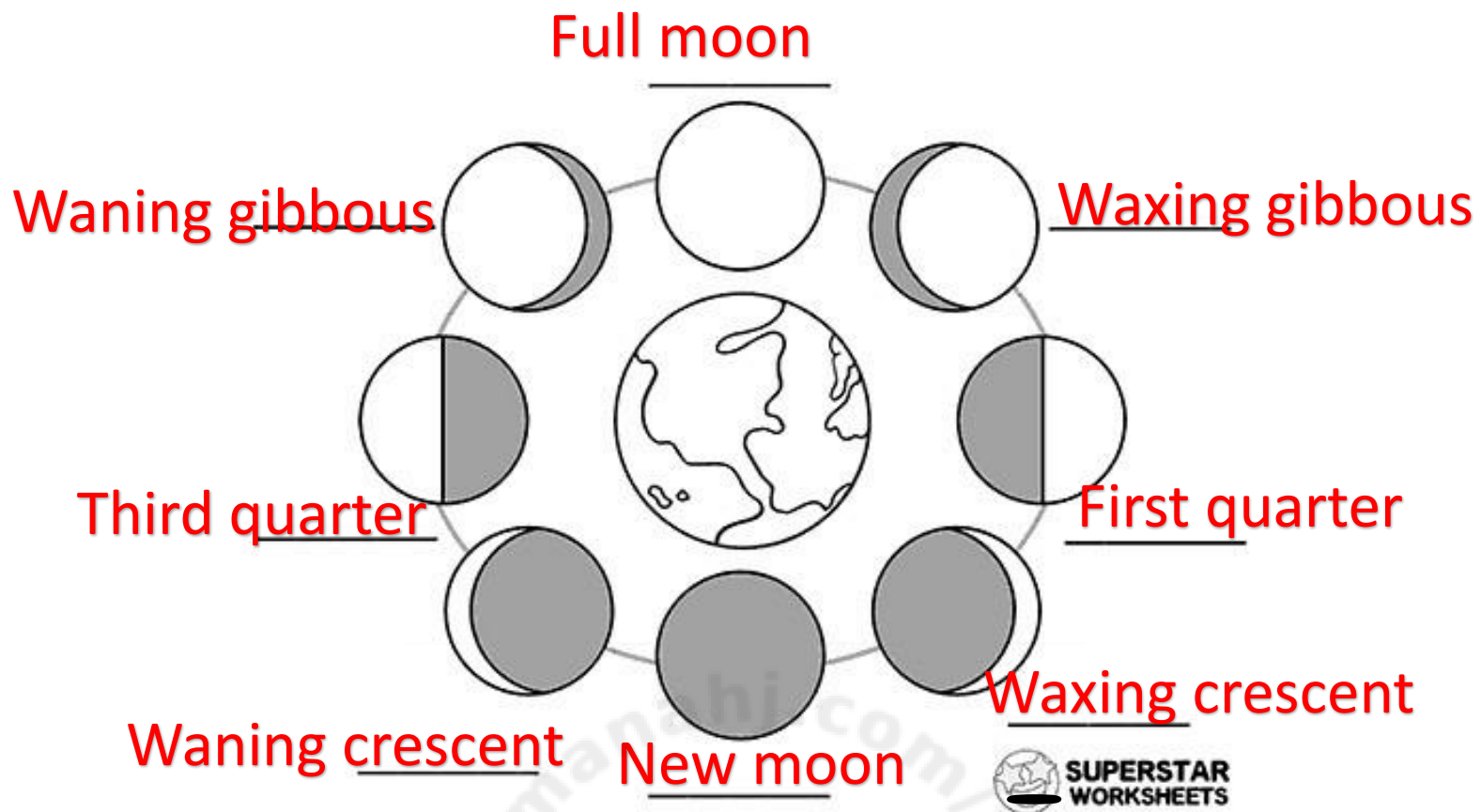
**Question 57: What shows that a chemical reaction has happened when baking soda is mixed with vinegar?**

- A. The mixture freezes
- ☒ B. Bubbles form and a solid is left behind
- C. The color stays the same
- D. Nothing happens

**Question 58: Label the planets**



**Question 59: Answer the following question about the moon phases**



**Question 60: Answer the following question about the moon phases**



1. Based on the data table, what conclusion can you draw?

| Planet  | Length of Day (hours) | Length of Year (Earth years) | Distance from the Sun (AU) |
|---------|-----------------------|------------------------------|----------------------------|
| Mercury | 1,408                 | 0.2                          | 0.4                        |
| Venus   | 5,832                 | 0.6                          | 0.7                        |
| Earth   | 24                    | 1.0                          | 1.0                        |
| Mars    | 25                    | 1.9                          | 1.5                        |
| Jupiter | 10                    | 11.9                         | 5.2                        |
| Saturn  | 10                    | 29.4                         | 9.5                        |
| Uranus  | 17                    | 84.0                         | 19.2                       |
| Neptune | 16                    | 164.8                        | 30.0                       |

- A. The farther a planet is from the Sun, the longer its day.
- ☒ B. The farther a planet is from the Sun, the longer its year.
- C. A day on Earth is longer than a day on Venus.
- D. Uranus is the coldest of all the planets.

2. A planet is a large, round space object that \_\_\_\_\_ the Sun.

- A. attracts
- ☒ B. orbits
- C. follows
- D. reflects

3. Circle all that apply.

Stars appear to move in the sky because of Earth's \_\_\_\_\_.

- A. axis
- ☒ B. rotation
- C. poles
- D. galaxies
- ☒ E. revolution

