Science revision for primary 4

Task sheet 1

1-Complete the following sentences

1-Measuring tape is used for measuring… ……………………….

2-There is definite shape and volume in……………….state of matter

3-Melting of ice in the two poles is…………………….change

4-Increasing water temperature changes it from……………..state to………………state

5-…………………………..is medium sized star

6-stars are shiny bodies radiates …………………..and……………………..

2-Choose the correct answer

1-……………………process is accompanied with cooling (melting-condensation- evaporation)

2-If the dimension of your book are 10,5 and 2 cm ,so the volume of book equals………………cm3

(17-52- 100)

3-Cooking pots are made up of……………………..( graphite –aluminium– sulphur)

4- the number of planets is ( 5 – 6 – 8 )

3-Write the scientific term

1-The simplest form of matter that can’t be decomposed into two substances (…………………..)

2-A change in the structure of a matter ( )

3-Everything that has mass and volume ( )

4- Dark bodies revolve around the sun ( )

5- The biggest body in the solar system ( )

4-Put (√) or (×)

1-Equal volumes of different materials have equal masses ( )

2- Sun is a planet emits heat and light ( )

3- Mars is the red planet ( )

4- Sequence of day and night is formed due to the revolution of Earth around the sun ( )

5- The axis of Earth is vertical ( )

6- Gram is the measuring unit of volume (……)

7-Metals exist in solid and liquid states only (…..,)

8-Copper and Sulphur have high melting point (……)

5-Give reason for

1-Graphite (carbon) is used in manufacturing of the poles of the dry cell

……………………………………………………………………………………………………………………..

2- Sequence of day and night

……………………………………………………………………………………………………………………….

3-The big stars seem very small

…………………………………………………………………………………………….

**Correct the underlined word**

1-Water vapor is a liquid matter (…………..)

2-Kilogram is the suitable unit to measure length (………………….)

3-Bromine is the liquid metal (…………………)

4-Cutting of bread is a chemical change (………….)

5-Metals are bad conductors of heat (………………)

Task sheet 2

1-Complete the following sentences

1-Matter exists in three states which are………………………..,…**,**…………………..and…………………………

2-Water changes into…………………….by cooling

3-Melting of wax is a……………………change, while burning of candle is a…………………..

4- ……………………is the blue planet while ………………….is the most beautiful planet

5- …………………..is the smallest planet while……………………is the biggest planet

6- Melting of ice is a………………change, while iron rusting is a------------.change

7-Liquids have definite ………………….., but they don’t have definite……………..

8-One meter equals………………….cm

9-During evaporation process , matter changes from………………..state into……………. State

10-The tool that measures the small masses as gold is----------------------

11-The positive pole of battery is made up of ---------------------------.

2-Write the scientific term

1-The change of matter from solid state to liquid state (………………………..)

2-Everything that has a mass and volume (………………………..)

3- The amount of matter in an object (……………………….)

4-Shiny bodies emit heat and light (……………………….)

5- The nearest space body to Earth (……………………….)

6- Dark body revolves around the Earth (……………………..)

3-Choose the correct answer

1-The mass of objects is measured by………………………..(gm–cm2 – cm3)

2-…………………….have definite volumes and indefinite shapes( liquid – solid – gases)

3-Dissolving table salt in water is a…………………..change ( chemical – physical – thermal )

4- The planet that have colored rings ( mars – venus – Earth )

The change of matter from liquid state into gaseous state is called…………………

(Condensation – evaporation – melting – freezing )

5-The volume of solid materials is measured by…………………..

( cm – cm2 – cm3 – m )

6-An example of nonmetal is……………………

( Iron – carbon – copper – aluminum )

4-Put (√) or (×)

1-Burning of sugar is a physical change (…….)

2-Evaporation is the change of matter from liquid state to gaseous state (…….)

3-Nonmetal have metallic luster (……)

4-Neptne is the watery planet (……)

5- The earth rotates around its axis every year (…….)

5-Give reason for

1-Your book is a matter

………………………………………………………………………………………………………………………

2-Cooking pans are made up of aluminum

………………………………………………………………………………………………………………………………………………

3- The moon seems bright ,although it is a dark body

…………………………………………………………………………………………………………………………….

4-Iron is a solid matter while mercury is a liquid matter

……………………………………………………………………………………………………………………………..

5-The sun seems bigger than other stars

……………………………………………………………………………………………………………………………..

6-Choose the odd word

1- Gram – liter – kilogram – ton (……………………..)

2-Water – oil – sugar – milk (……………………..)

3-mars – venus – moon – Earth (………………………)

7-Calculate the volume of a brick its length is 5cm , its width is 3cm and its height is 2cm

volume = ……….. x ………… x …………

v=….. x ….. x ……

v=…………..cm 3

**Mention one use of**

1. Measuring cylinder………………………………………………….
2. Iron: ………………………………………………………………………
3. 3-Gold and silver : ………………………………………………….-

Task sheet 3

1-Complete the following statements

1-Kilogram is the measuring unit of………………………..

2-Melting of wax is a………………………….change

3- The Earth rotates around it self every……………….and revolves around the sun every …………………..

4-…………………..is the nearest planet to the sun while ……………is the farthest planet

Common balance is used for measuring……………………

5-All materials that you see in your environment are made up of………………….

2-Give reason for

1-Sequence of four seasons

……………………………………………………………………………………………………………..

2- The difference in the length of day and night

…………………………………………………………………………………………………………….

3- Iron, copper and aluminum are good conductors of heat

………………………………………………………………………………………………………………………………

3-Put (√) or (×)

1-Solids have definite shapes and definite volumes (……)

2-There is one state of matter (……)

3-The cooking pots are made up of wood (…..)

Liquid matter has definite shape and volume (………….)

4-Chemical change is a change in the shape of substance only (…………)

4-Write the scientific term

1. The change of matter from solid state to liquid state
2. A unit used to measure the small masses
3. A group of elements that doesn’t have luster
4. It is the change of matter from liquid state to gaseous state (………………….)
5. 2-The simplest form of matter that can’t be changed into simpler form (……………….)
6. 3-An element used in making statues and coins (…………………)
7. 4-The amount of matter that the object contains (……………….)
8. 5-It is the change in the appearance of matter without any change in structure (-----------------------)
9. 6-Everything occupies a space and has mass (……………………)

5-Choose the correct answer

1-………………………..is an example of nonmetals (Copper – carbon – Iron )

The cooking pots are made up of…………….(carbon- Sulphur – aluminum )

2-Matter exists in………………states ( two – three- five )

3-Electric wires are made up of………………..(copper – carbon – wood)

4-The distance between cities is measured by……………( gram – meter – kilometer )

5-The volume of liquid is measured by……………….(tape – sensitive balance –measuring cylinder )

when a piece of stone is put in a jar containing 40cm3of water, water level raises to 70 cm3. Find the volume of stone