

New Amazing Science

2

Answer Key

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Answer Key

Unit 1




MORE ABOUT ANIMALS

Answer Key

1. Fill in the blanks:

- We can see animals in a local zoo.
- Dolphins are mammals that live in water.
- Newt is an animal that lives both on land and water.

2. Match the following:

Animals		Place
Horse		Water
Blue whale		Land
Frog		Land and water

3. Name the animals in the picture and places they live in.



Snake (land)



Shark (Water)



Turtle (Both land and water)

Answer Key

1. Write whether the statement is True or False:

- The animals live in specific homes they build. True
- Some adult animals raise their young ones. True
- Birds feed their babies after they hatch from eggs. True
- All types of snakes lay eggs. False

2. Match the following:

Animal	Home
Eagle	Den
Lion	Nest
Badger	Lodge
Beaver	Burrow

(Note: In the original image, lines connect Eagle to Den, Lion to Nest, Badger to Lodge, and Beaver to Burrow.)

3. Name the young ones of animals in the given pictures.



Puppy



Foal



Kitten



Duckling

Quick Review

1. Write name and draw a land animal and water animal.

- Land animal:
- Water animal:



Land Animal: Cat



Water Animal: Goldfish

Quick Review

1. Write the name of home of the animal

Animals	Home
Bird	Nest
Lion	Den
Rabbit	Burrows

Chapter Review

1. CHOOSE THE BEST ANSWER

Number	Answer
1	c
2	b
3	a
4	c
5	a

2. GIVE SHORT ANSWERS TO THE FOLLOWING

- Camel
- Ducks
- Markhor

VOCABULARY REVIEW

1. ANIMALS THAT LIVE ON LAND

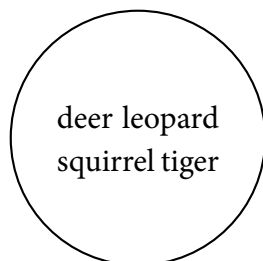
- Fox
- Eel
- Fins

2. NAME THE YOUNG ONES OF THE FOLLOWING ANIMALS

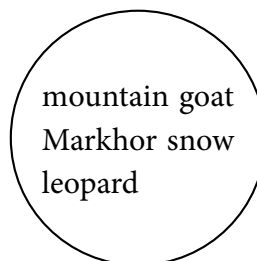
- Foal
- Tadpole
- Caterpillar
- Puppy

3. WHERE DO THE FOLLOWING ANIMALS LIVE? WRITE IN THE CIRCLES.

Forest



Mountain

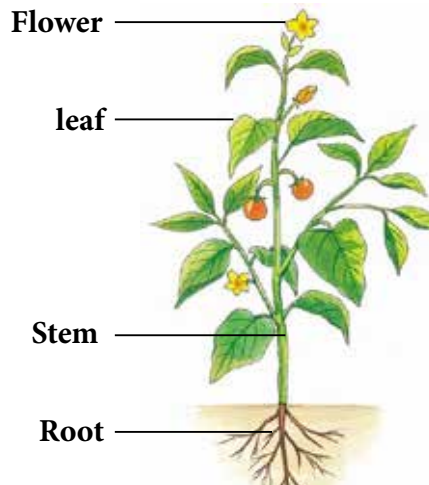


Answer key

1. Tick ✓ the correct answer

- Plants are living things. ✓
- Trees are small plants. _____
- Plants give out oxygen which is needed for breathing. ✓
- Climate change is heating up the Earth due to harmful gases. ✓

2. Label the following flowering plant.



a. Name the following roots:



Turnip



Carrots



Potato

b. What is the common feature of these roots?

Ans They are edible.

Answer key

1. Fill in the blanks:

- Fruits have seeds.
- Some leaves are thin and long.
- Mango is an example of one-seeded fruit.

2. Identify the following as flowering plants or non-flowering plants.



Sunflower—A Flowering Plant



Fern—A non-flowering Plant



Rose—A flowering Plant



Conifers—Non-Flowering Plants

3. Mark as True or False:

- Oxygen is taken in for breathing by us. **True**
- Carbon dioxide is needed for green plants to make food. **True**
- Seeds take nutrients from the atmosphere. **False**
- Flowers grow as the seed germinates. **False**

Quick Review

Discuss and share with your classmates, the information about the following:

- Names of fruits with one seed and many seeds.

Names of fruits with one seed	Names of fruits with many seeds
Mango	Guava
Avocado	Apple
Peach	Papaya
Olive	Kiwi
Cherry	Pomegranate

- Different shapes of leaves

Ans. Some are thin and long and some are large and broad.

Quick Review

Search and write names of some flowering plants and some non-flowering plants.

No	Flowering Plants	Non-Flowering Plants
1	Rose	Ferns
2	Sunflower	Mosses
3	Mango	Conifers
4	Strawberries	Gingko

Chapter Review

Choose the best answer

Number	Answer
1	b
2	a
3	a
4	a
5	c

Write Whether Following Statements are True or False

Number	True/False
1	True
2	True
3	True
4	False
5	False

Give short answers to the following

Ans. 1. Plants provide us with Oxygen

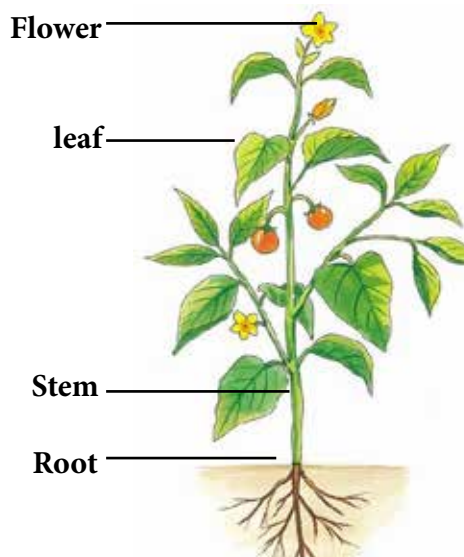
Ans. 2. The stem takes water to the leaves.

Ans. 3. Plants need water, nutrients, and sunlight to grow.

VOCABULARY REVIEW

1. Flower
2. Leaves
3. Stem
4. Fruit
5. Roots

Label the Parts of the Plant



Answer Key

1. Name the three major natural resources:

- Land
- Air
- Water

2. Give short answers

- It is formed by living things and non-living things.

Ans. Our environment.

- They are needed for life on Earth.

Ans. Natural resources are needed.

- This resource is required for growing crops.

Ans. Plants grow on land.

3. Draw a landscape to show land as a resource.



Answer Key

Worksheet 2

1. Mark as True or False:

- Most of the life will not be possible without water. **True**
- Land provides us with vegetables and fruits. **True**
- We can drink seawater. **False**
- Oxygen is used in breathing process. **True**

2. Match the following:

Source		Objects made
Tree		Frying pan
Iron		Table
Stones		Walls
Sheep		Wool

3. a. Draw a wind turbine and colour it.



b. What is the use of wind turbine?

Ans. They produce electricity due to wind.

Quick Review

True or False

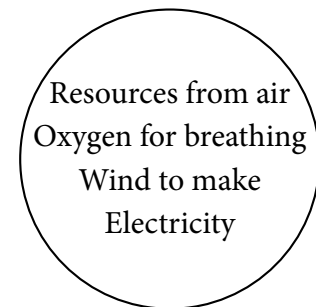
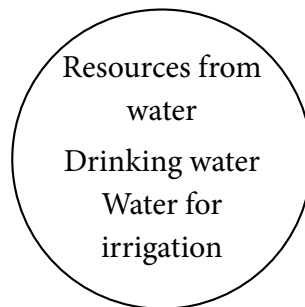
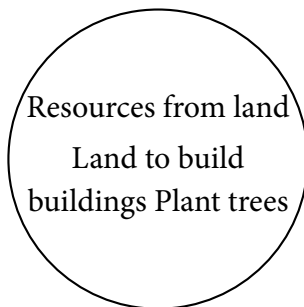
1. True
2. False
3. True
4. True
5. True

Chapter Review

CHOOSE THE BEST ANSWER

Number	Answer
1	b
2	a
3	d
4	a
5	a

FILL THE FOLLOWING CIRCLES WITH TWO EXAMPLES OF EACH TYPE OF RESOURCE.



GIVE ONE WORD ANSWER

Number	Answer
1	Sun
2	Wood (Trees)
3	Wind

VOCABULARY REVIEW

Number	Answer
1	Natural Resources
2	Environment

Imagine you are in a forest. Draw all the natural resources you can think of in the box below.



Answer Key

1. Name four natural sources of water.

- Oceans
- Rivers
- Ponds
- Lakes

2. Name two human-made sources of water

- Dam
- Tube well

3. Name the sources of water in the following pictures



Ocean



River



Dam



hand pump

Answer Key

1. Fill in the blanks:

- Water is used in many countries to produce electricity.
- We wash our clothes with water.
- Pollution is when water resources become dirty.
- Clean water should be used for drinking.

2. Name two human-made sources of water

- Reduce
- Reuse
- Recycle

3. Name two ways by which water is made clean and germ free:

- Boiling
- Filtering

4. Name the action in the given pictures:



Drinking water



Washing Vegetables

Quick Review

Can you identify and name the sources of water shown below:

- Ocean
- Tube well
- Dam

Chapter Review

CHOOSE THE BEST ANSWER

Number	Answer
1	b
2	b
3	b
4	c
5	a

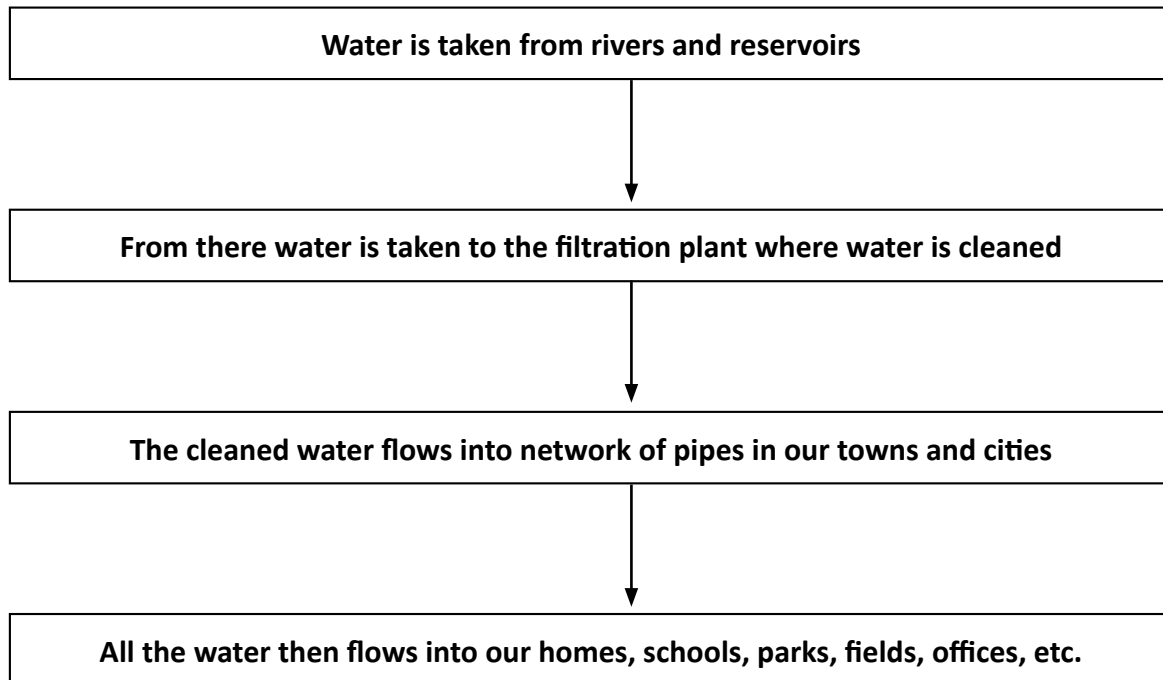
WRITE WHETHER THE FOLLOWING STATEMENTS ARE TRUE OR FALSE:

1. True
2. False
3. True
4. False
5. False

GIVE ONE-WORD ANSWERS TO THE FOLLOWING:

1. River
2. Dam
3. Purification

LIST THE STEPS IN WHICH WATER REACHES OUR HOMES:



WRITE SOME WAYS TO REDUCE THE WATER WASTE

- Reduce the use of water
 1. Take short five-minute showers
 2. Turn off the tap while bathing
- Reuse water
 1. Collect water after washing vegetables. Use it to water plants
 2. Collect and store rainwater
- Recycle water
 1. clean water, and use
 2. sewage water purification through recycling plants

Answer Key

1. Mark whether True or False:

- Materials are substances that are used to make objects. True
- All materials are natural. False
- Pulped wood is the substance used to make paper. True
- We can make only one type of object from one kind of material. False
- Wood is taken from trees to make furniture. True

2. Look at the images and identify whether the material used is from ground, plants, or animals.



Ground



Plants



Animals

3. Name the objects made from the following material:

Material	Objects
Wood	Chair
Rock	Road
Cotton	Cloth
Silk	Fabric

Answer Key

Worksheet 2

1. Match the following

Substance	Artificial Material
Sand	Plastic and petrol
Oil	Ceramic
Clay	Glass is made

2. Give examples for the given properties of materials:

- Hard like wood
- Soft like cotton
- Elastic like rubber
- Waterproof like nylon
- Transparent like glass

3. Draw and colour:

A Book



A Glass



Answer Key

Quick Review

Put the following materials in the correct column according to their properties.

Hard	Soft	Elastic
Wood	Silk	Plastic
Metal	Cotton	Rubber
Glass	Wool	Sponge

Answer Key

Chapter Review

Choose the best answer

Number	Answer
1	a
2	b
3	c
4	a
5	c

Look around your school and make a list of different things, divide them according to the materials used to make them in the table below:

Made of human-made material	Made of natural material
Backpack	Chair
Protractor	Desk
Calculator	leaves
Compass	Twigs
Blackboard	Wooden bowls

GIVE ONE-WORD ANSWERS TO THE FOLLOWING:

Number	Answer
1	Sand
2	Natural
3	Wood
4	Hard
5	Rubber

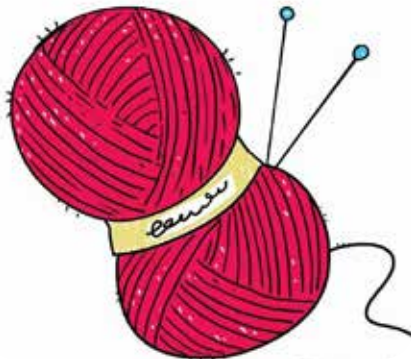
DRAW THINGS MADE OF THE MATERIALS LISTED BELOW:

wool

glass

metal

paper



Answer key

1. Tick ✓ the correct answer.

- If you walk outdoors in winter you enjoy the warmth of the Sun. ✓
- The ability to do work is energy. ✓
- The heat moves from cooler objects to warmer objects. _____
- When we fan ourselves in hot weather, heat moves towards us. _____

2. Write any two uses of heat:

- A hot iron helps iron clothes
- In cold weather, heaters keep us warm

3. Identify the sources of heat in the following pictures:



The sun



Volcano

4. Match the following:

Source	Use
Heater	Used to cook food
Stove	Machine that produces heat
Sun	Keeps us warm
Blanket	Main source of heat in nature

Answer Key

1. Mark as True or False:

- Heat from a source like fire spreads out in all directions. True
- We feel more heat, when we are closer to the source. True
- It is warmer under the shade of a tree. False
- Heat is flowing energy. True

2. Match the following:

Terms	Facts
Warm hands	Burning it produces heat
Coal, wood	Machines make heat with it
Electricity	Heat produced by rubbing
Natural gas	Burns in stoves to produce fire

3. Name the items in the pictures:



Electric Heater



Electric Iron

Answer Key

Quick Review

Fill in the blanks:

1. Heat
2. Warm
3. Close
4. Shade
5. Energy

Quick Review

Look at the picture below and list the sources of heat:



Sources of heat:

- The Sun
- Oven with stove
- Charcoal Grill
- Heater

Answer Key

Chapter Review

CHOOSE THE BEST ANSWER

Number	Answer
1	a
2	b
3	d
4	a

GIVE ONE-WORD ANSWER

Number	Answer
1	Heat
2	Stove
3	Heat

LIST DOWN THREE USES OF HEAT

- It helps us to cook food
- It helps us in drying clothes
- It helps us feel warm in cold weather

Write yes for the objects that produce heat and no for those objects that do not:

Objects	Yes/No
Candle	Yes
Fan	No
Mirror	No
Iron	Yes
Toaster	Yes

Answer Key

1. Mark as True or False:

- We can see things around us due to light. True
- Light is a form of energy. True
- The moon is a source of man-made light. False
- Light comes from only one source. False

2. Match the following:

Terms	Facts
Natural source	Certain animals like jellyfish and firefly
Artificial source	Do not require human help
Flash light	Are man-made
Produce light	Guides us through dark places like mines

3. Draw and colour:



A natural Source of light



A human-made source of light

Answer key

Worksheet 2

1. Tick ✓ the correct answer.

- Traffic lights help us only during the night time. _____
- Sun is the source of natural light. ✓
- Moon and stars shine bright in the night. ✓
- Candles is a natural source of light. ✓

2. Look at the given pictures and write the use of the source:



Sunlight helps in food making in plants.



Candle burns to provide light at night

3. Write any three uses of light for the following.

Source	Uses
The Sun	Helps us see things
Traffic Light	Used to control flow of traffic and pedestrian crossing
Moon and Stars	Help to mark the season

Answer Key

Quick Review

Human made/ Artificial :

Light bulb candle

Natural:

Sun Firefly star burning wood

Chapter Review

Choose the best answer

1. c 2. b 3. c 4. d 5. c

Answer the following questions

- **Ans. 1.** Plants need light to make food.
- **Ans. 2.** Light helps us to see in the dark.
- **Ans. 3.** Candle and torch are two human-made sources of light.

Besides the sun list down three sources of natural light

1. Firefly
2. Moon
3. Stars

Which of the following helps us see in the dark



Look around your home or classroom, observe all the things that give out light. Write them down in your notebooks

- Candle
- Tube light
- Lamp Shade
- Firewood
- Light Bulb

Answer key

1. Fill in the blanks, choose from the following list:

Tiny gases stars orbit solar system

- The tiny stars seen in the sky are huge balls of gases.
- The stars look small due to their distance from the Earth.
- The planets orbit the Sun.
- The Sun, the planets and their moons form the Solar System.

2. Match the following:

Objects	Description
Telescope	Huge, glowing ball of gases
Stars	An instrument used to look at distant objects
Sun	Orbits the planets
Moon	Closest star to us

3. Draw and colour the Sun.



Answer Key

1. Mark as True or False:

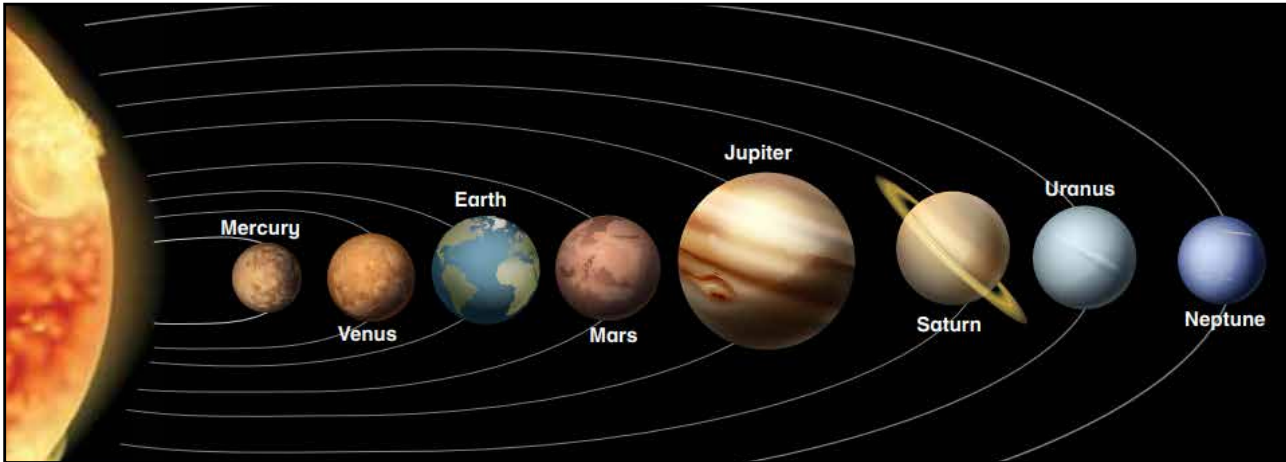
- Planets are large objects that orbit around a star. True
- Nine planets orbit around the Sun in our Solar System. False
- Mercury and Venus do not have a moon. True
- Earth is the third planet from the Sun. True

2. Derive the names of planets from the following mnemonics.

My Very Educated Mother Just Served Us Nuggets.

- Mercury
- Venus
- Earth
- Mars
- Jupiter
- Saturn
- Uranus
- Neptune

3. Draw and label the diagram of The Solar System.



Answer Key

Quick Review

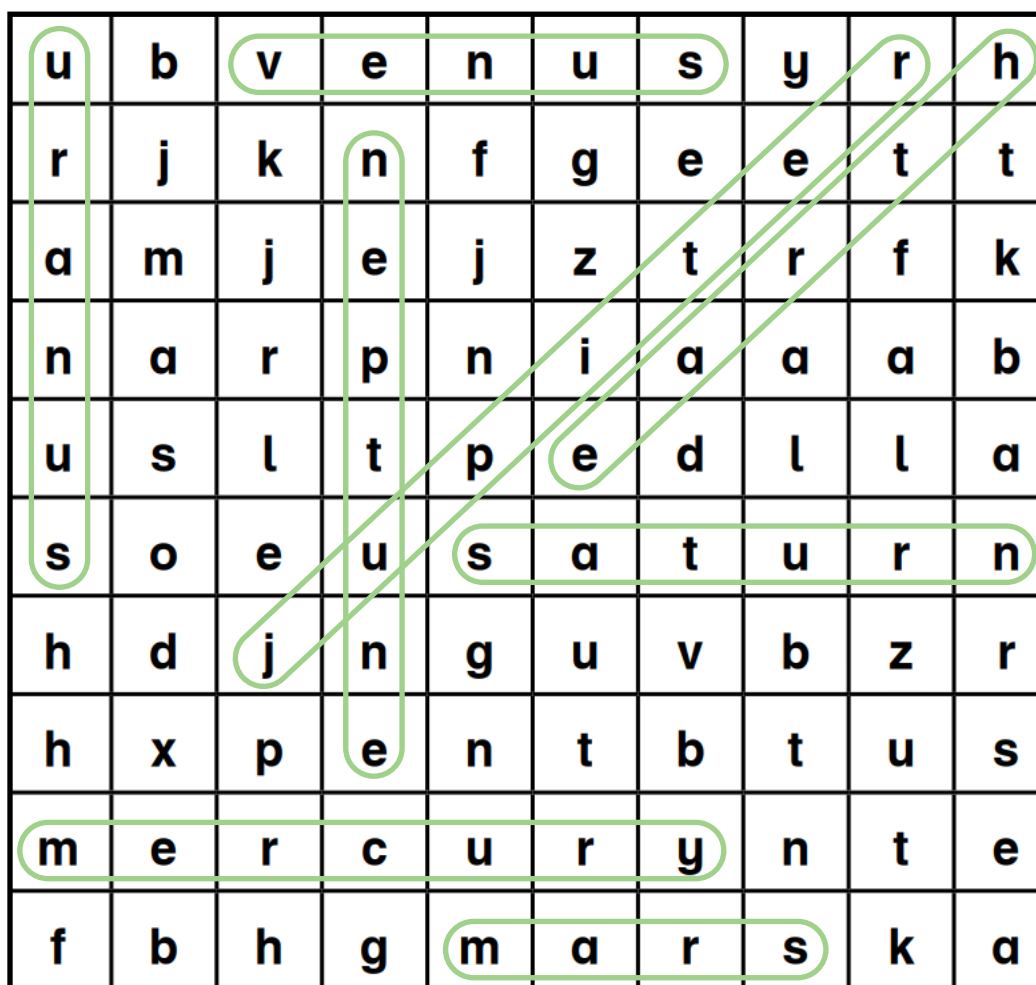
Match the following

Some planets have more than one of these object	Sun
They look tiny and you see them in the sky at night	Moon
All the objects revolve around it	Stars

Quick Review

Find and circle the words listed below

Earth Jupiter Mars Neptune
Uranus Venus Mercury Saturn



Chapter Review

CHOOSE THE BEST ANSWER

Number	Answer
1	a
2	a (2 moons)
3	d
4	c
5	d

ANSWER THE FOLLOWING QUESTIONS

1. Ans. Sun is a star.
2. Ans. Venus has no moons.
3. Uranus is the coldest planet in the solar system.
4. Venus is the second nearest planet.
5. Uranus has 28 moons.

MATCH THE FOLLOWING

Mercury	The second planet in the solar system
Jupiter	The largest planet in the solar system
Mars	The seventh planet from the Sun
Uranus	The smallest planet in the solar system
Venus	The planet with two moons

WRITE THE NAMES OF THE PLANETS IN THE DIAGRAM BELOW.

