



10-11 YEARS | WEEK 04

Geography-Concepts

1. National flag of the countries

11. Skins of different animals

2. Earth science - Coordinate system

12. Cut and paste

3. Earth Science - Earth's structure

13. Choose and circle

4. Earth Science - Time zones

14. Can you do it

5. Earth Science - Earth Zones

15. Crossword

6. Earth Science - Seasons

16. Choose and write

7. Continents

17. Choose and write

8. Where is it?

18. Choose and write

9. Choose and Colour

19. Choose and write

10. Choose and write

20. Choose and write



NATIONAL FLAG OF THE COUNTRIES

IDENTIFY THE FLAGS OF COUNTRIES OR DRAW THE FLAGS OF THE GIVEN COUNTRIES.

Refer to reference sheet to know more about national flags of the countries.



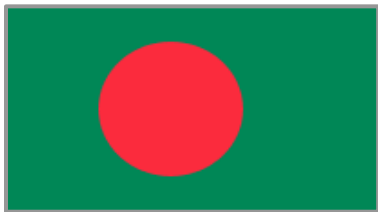
BELGIUM



DENMARK



SINGAPORE



NEPAL



FRANCE



S: Earth science - Coordinate system



A geographic coordinate system is a three-dimensional reference system that locates points on the Earth's surface. Find the words related to the coordinate system in the below grid. Words are hidden horizontally, vertically and diagonally.

a	l	d	f	g	h	j	c	o	o	r	d	i	n	a	t	e	i
m	n	o	t	c	e	s	l	v	c	v	b	a	q	w	u	i	k
p	o	i	n	y	o	a	e	a	p	q	a	s	d	f	e	h	m
m	n	g	t	g	e	n	s	v	t	a	b	a	q	w	u	s	k
p	o	i	u	y	i	r	t	t	w	i	r	s	d	f	g	h	t
a	s	d	f	g	h	t	k	i	p	o	t	a	w	q	r	y	i
g	h	y	s	v	b	e	u	w	n	a	z	u	l	e	w	s	a
m	n	g	o	r	e	s	x	d	c	e	b	a	d	l	u	i	k
p	o	i	u	y	t	r	e	e	e	q	n	s	d	e	e	h	m
a	s	d	t	g	h	j	k	l	p	o	y	t	w	q	r	l	i
p	o	i	h	y	t	n	o	r	t	h	a	s	s	f	g	h	s
m	n	g	t	r	e	s	x	v	c	e	q	u	a	t	o	r	k

equator

east

coordinate

latitude

west

continents

longitude

earth

south

parallels

north

S: Earth Science - Earth's structure



The structure of the earth is divided into four major components: the crust, the mantle, the outer core, and the inner core. Read the definitions of these components given below and fill in the blanks.

Crust

- 1 The crust is the thin _____ layer of the Earth.
- 2 Silica and _____ are major constituent minerals.

The Mantle

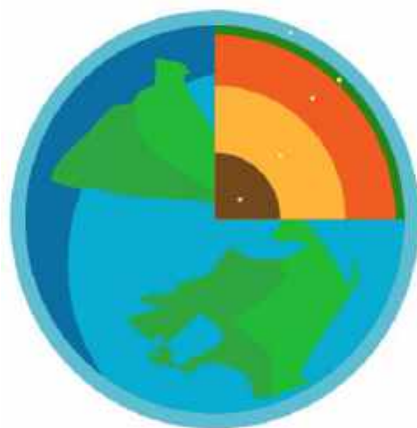
- 3 The portion of the interior beyond the _____ is called the mantle.
- 4 The major constituent elements of the mantle are _____ and Magnesium.

Outer core

- 5 The Earth's outer core is made up of _____ and nickel.
- 6 The outer core is in the _____ state.

Inner core

- 7 The inner core is the _____ part of the Earth.
- 8 The inner core is in the _____ -state.

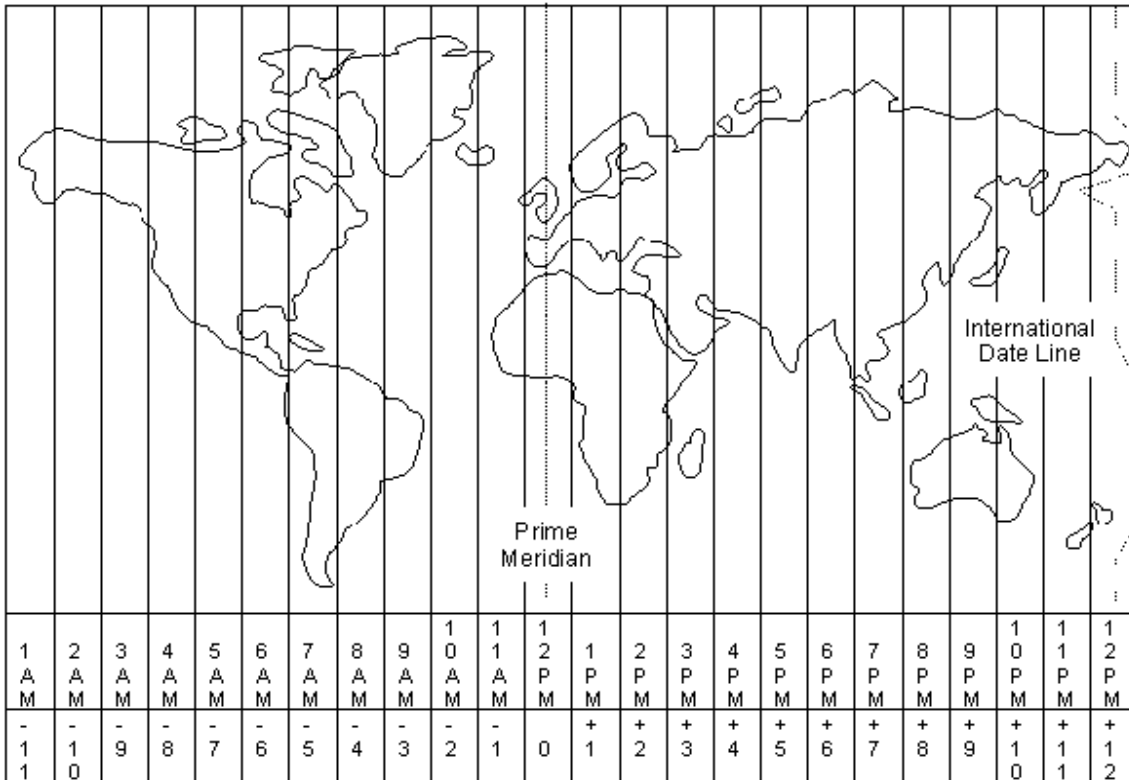


Answer Key: 1. outer, 2. Aluminium, 3. crust, 4. Silicon, 5. iron, 6. liquid, 7. hottest, 8. solid

S: Earth Science - Time zones



A time zone is an area that observes a uniform standard time for legal, commercial and social purposes. It is 12 o'clock GMT. Using the world map given below, write the time of the following countries.



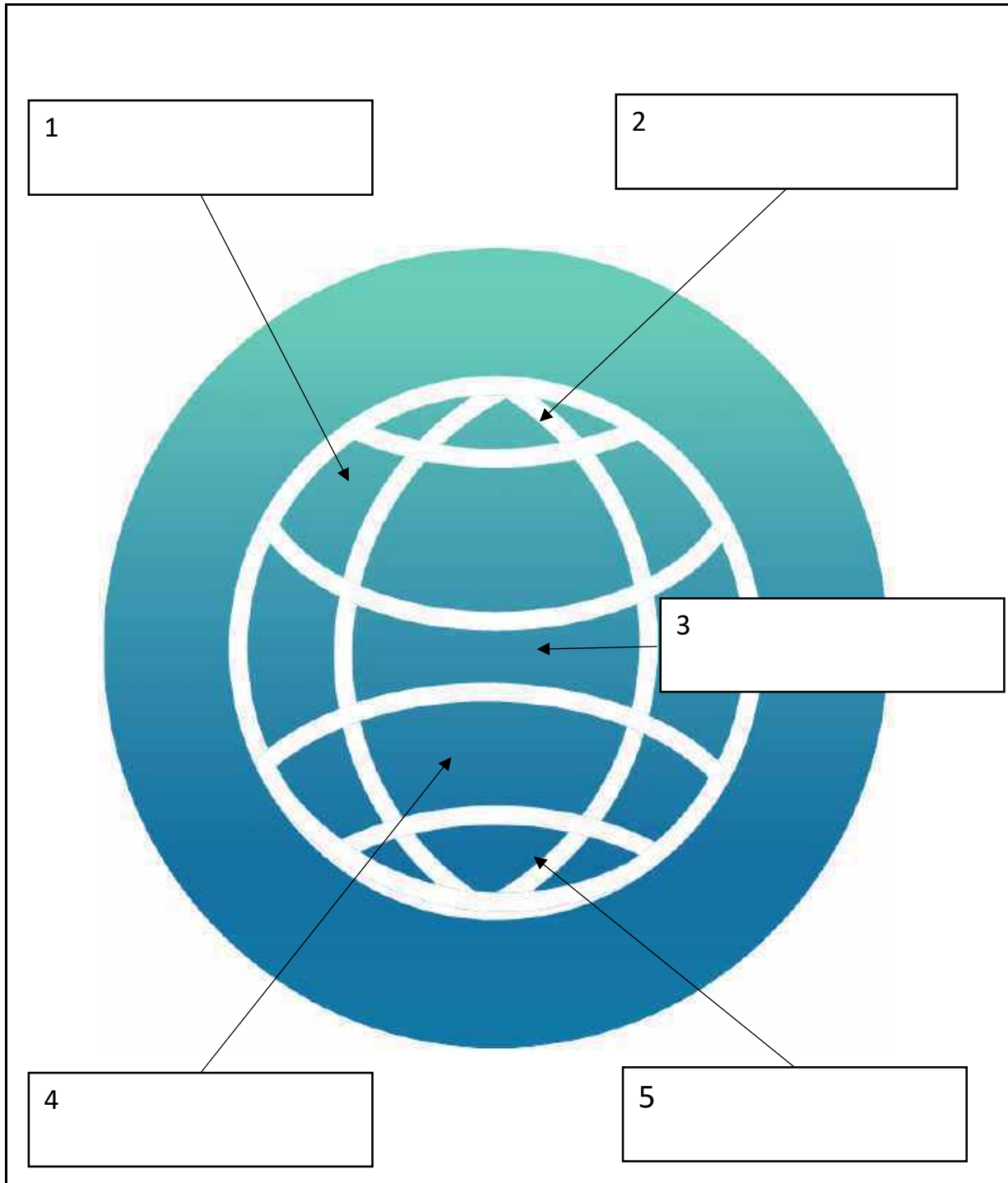
- 1 Australia
- 2 New Zealand
- 3 India
- 4 Malaysia
- 5 Japan

Answer Key: 1: 9:00 pm, 2: 12:00 pm, 3: 5:00 pm, 4: 7:00 pm, 5: 9:00 pm

S: Earth Science - Earth Zones



The earth has three heat zones - Torrid Zone, Temperate Zone and Frigid Zone. Label the earth zones in the picture given below.



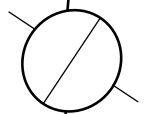
Answer Key: 1. North temperate zone, 2. North frigid zone, 3. Torrid Zone, 4. South temperate zone, 5. South frigid zone

S: Earth science - Seasons

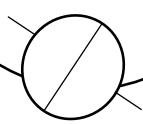


Seasons occur on Earth because Earth is tilted and it travels around the Sun once each year. As Earth travels, different parts of it tilt toward the Sun. This affects the amount of light and heat that the different parts of Earth receive. Label the seasons in the Northern and Southern hemisphere at each location.

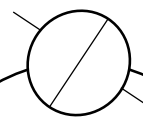
1 season (N): _____
season (S): _____



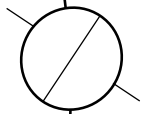
4 season (N): _____
season (S): _____



2 season (N): _____
season (S): _____



3 season (N): _____
season (S): _____



Answer Key: 1. spring-summer, 2. summer-summer, 3. autumn-winter, 4. winter-summer



Continents

The Earth is composed of 7 continents that make up its land mass.

Some are surrounded by water like a giant island, while others are connected to each other and separated only by an imaginary line.

Some continents have a lot of countries, while others have only a few.

Can you find the 7 continents hidden in the word gym here and name them on the map below?

S	D	W	A	F	R	I	C	A	N	F	H
W	O	Q	F	I	C	F	Q	S	O	G	C
X	Z	U	T	Q	F	K	A	G	R	F	V
X	R	F	T	F	U	M	A	A	T	E	M
D	T	R	W	H	U	G	I	P	H	U	B
T	D	E	N	K	A	L	R	A	A	R	K
G	S	D	B	Q	A	M	S	U	M	O	Z
B	Z	G	S	R	T	I	E	C	E	P	B
Z	Z	S	T	V	A	K	A	R	R	E	F
D	B	S	W	C	I	N	B	Y	I	E	C
N	U	Y	G	T	K	E	K	I	C	C	J
A	A	N	T	A	R	T	I	C	A	F	A



Answers: North America, Antarctica, Asia, Europe, South America, Australia, Africa

Where is it?



Fill in the blanks and find the answers in the word cloud

C	A	Z	C	C	W	L	J	M	A	U	L
L	A	A	U	S	T	R	A	L	I	A	X
M	T	F	U	J	C	O	K	T	D	N	T
M	K	E	R	W	C	N	L	H	J	M	C
A	R	J	L	I	A	C	F	A	Q	H	K
R	U	D	O	I	C	A	S	S	L	E	J
C	G	E	D	L	J	A	T	M	P	O	T
T	Q	N	H	C	C	D	V	O	T	Q	Y
I	I	A	C	I	T	C	R	A	T	N	A
C	X	N	R	O	H	U	Y	N	G	C	M
E	D	F	V	M	E	E	I	L	W	G	A
L	A	W	J	O	Q	S	Z	X	A	A	R

1. The continent where Sahara Desert is located _____
2. _____ is also known as The White Continent.
3. The smallest continent which is also an island _____
4. The Ocean named after India is The _____ Ocean.
5. The continent where the river Nile is located _____
6. The continent separated from Asia by the Ural Mountains is _____
7. The smallest ocean which is frozen and located near the North Pole is _____ Ocean.

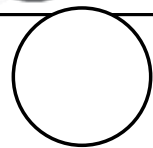
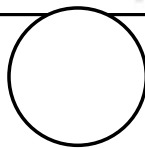
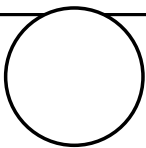
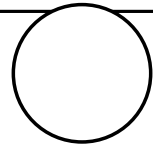
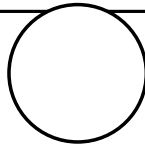
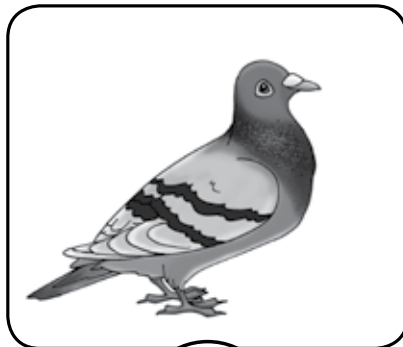
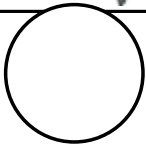
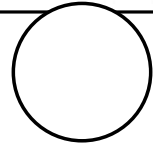
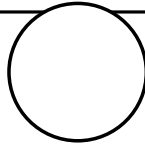
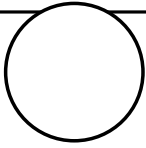
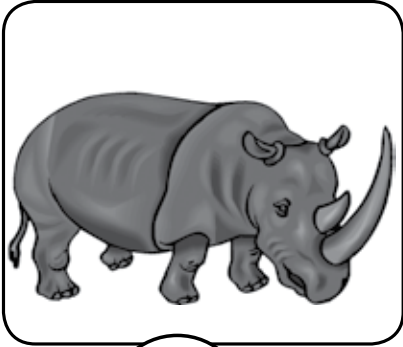
Answers:
 1 Africa, 2 Antarctica, 3 Australia, 4 Indian, 5 Africa, 6 Europe, 7 Arctic



Choose and color



Look at the given pictures of animals. Color the circle of endangered animals in green and color the circle of extinct animals in red.





Choose and write

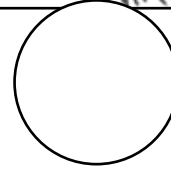
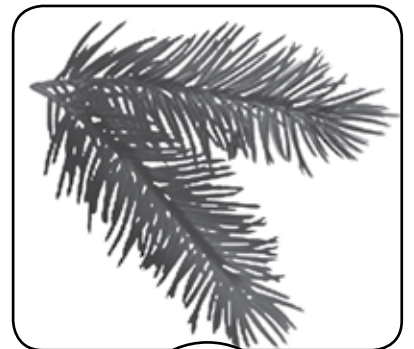
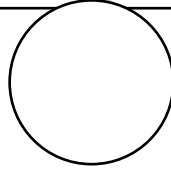
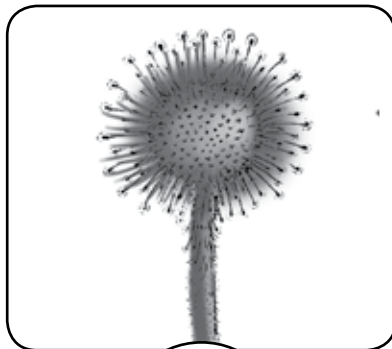
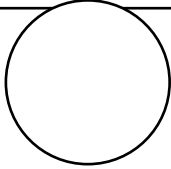
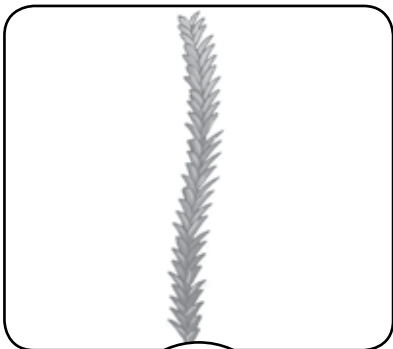
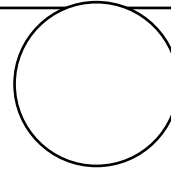
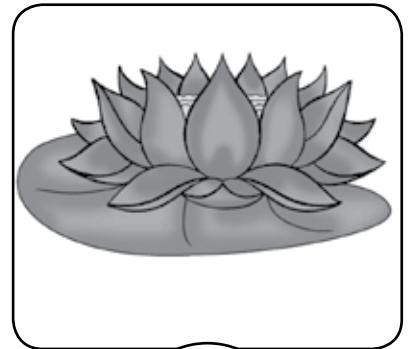
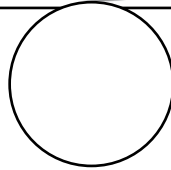
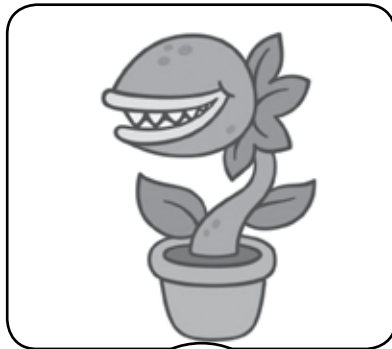
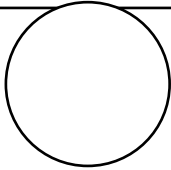
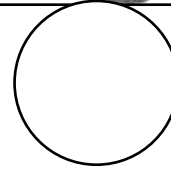
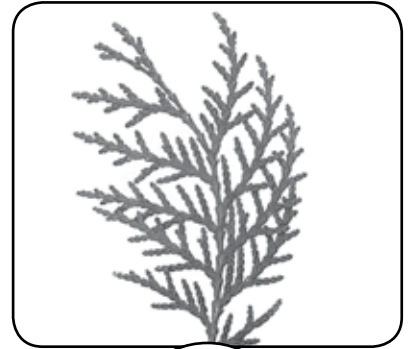
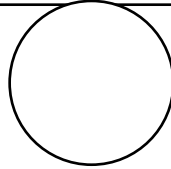
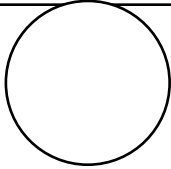
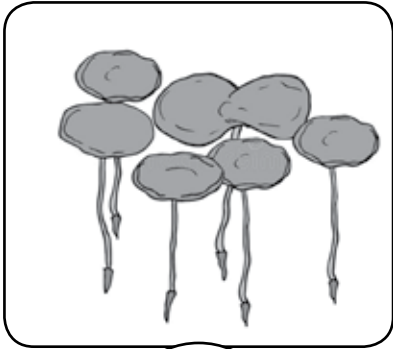


Look at the given pictures of plants and classify them accordingly:

Write A: If it is an aquatic plant

Write I: If it is an insectivorous plant

Write H: If it is found in hilly areas





Skins of different animals



Identify the animals by looking at their skin patterns.

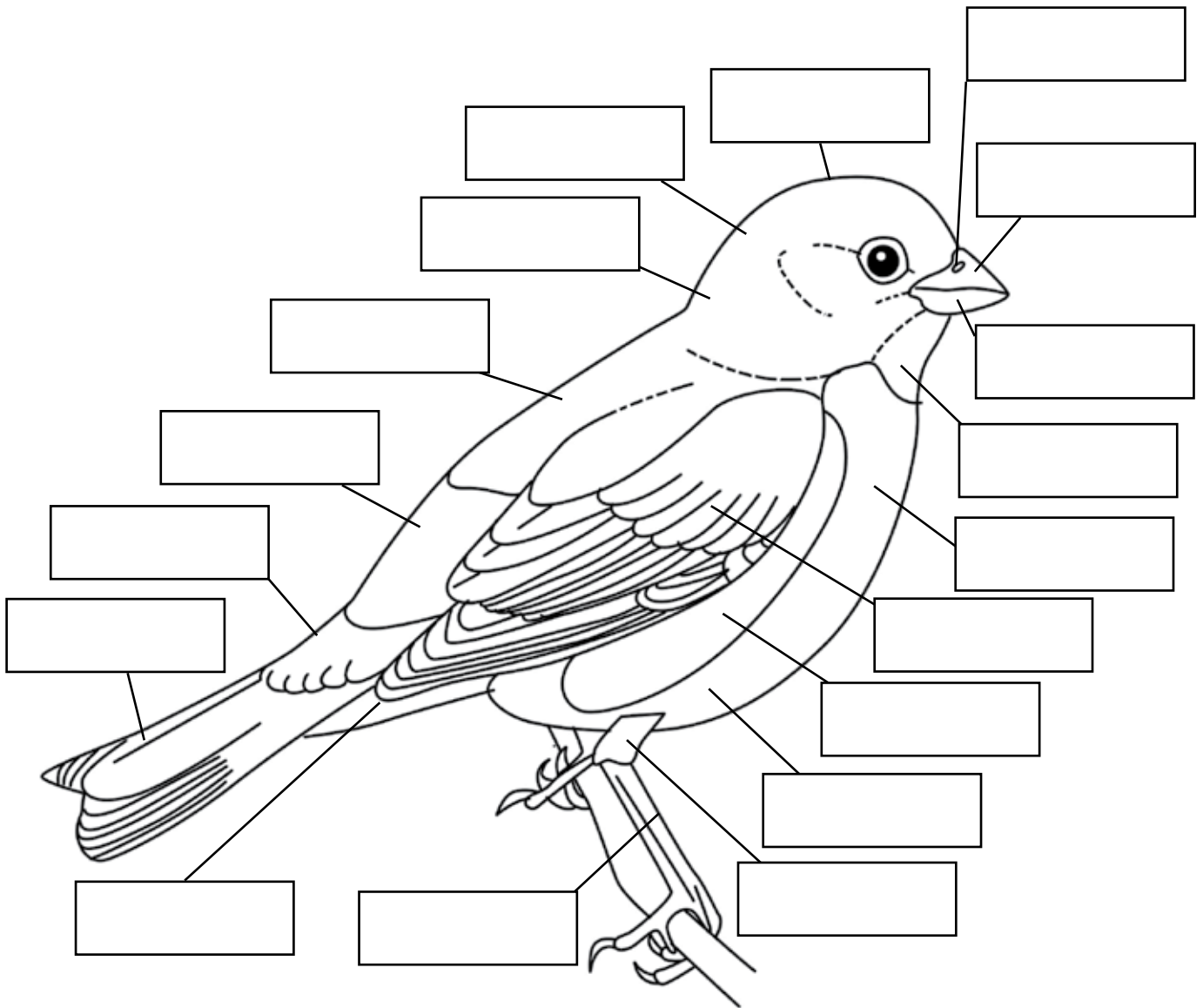




Cut and paste



Label the body parts of a common bird properly using the cluebox given below:



Back

Belly

Breast

Crown

Head

Leg

Lower Beak

Nape

Nostril

Rump

Side

Tail

Thigh

Throat

Undertail coverts

Upper beak

Uppertail coverts

Wing



Choose and circle



Circle the correct option.

1. Which one of the following organisms represents a primary consumer in the food chain?

a.



b.



c.



2. "One animal can be eaten by more than one animal in the ecosystem belonging to the living world".

What is the authenticity of the given sentence? _____

a. Nothing can be said

b. False

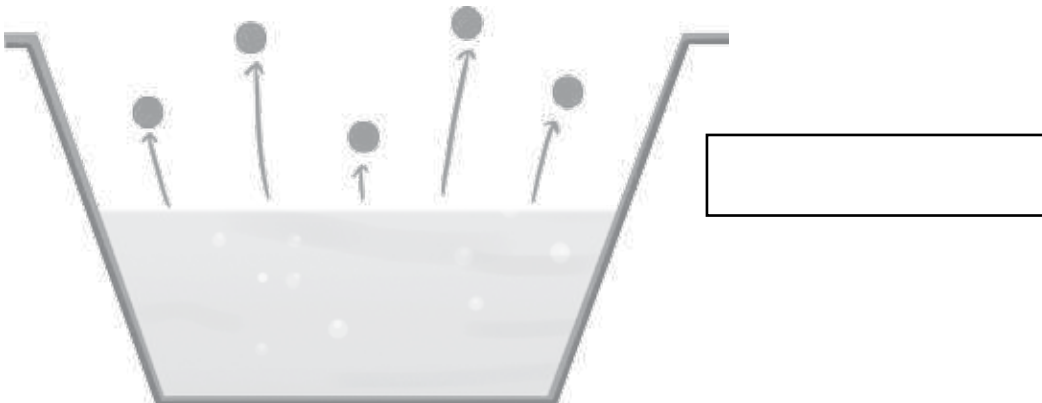
c. True

3. Name the procedure shown here-

a. boiling

b. condensation

c. evaporation



4. Which type of soil is present mostly on beaches? _____

a. loamy

b. sandy

c. none of the above



Can you do it



Do as directed.

A. Match the terms of Column I to their explanation in Column II.

Column I

a. Equatorial area

b. Polar regions

c. Climate

d. Sea breeze

e. Deserts

Column II

i. Prevails for a long time

ii. Moves from sea to land

iii. Hot and dry

iv. Frigid zone

v. Torrid zone

B. Write 1 for true and 0 for false.

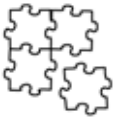
a. The sea determines the climate of a place.

b. Humidity is the amount of heat present in the atmosphere.

c. Temperature always decreases with an increase in altitude.

d. It is very hot near the Equator.

e. Antarctica is permanently covered with ice.



Crossword



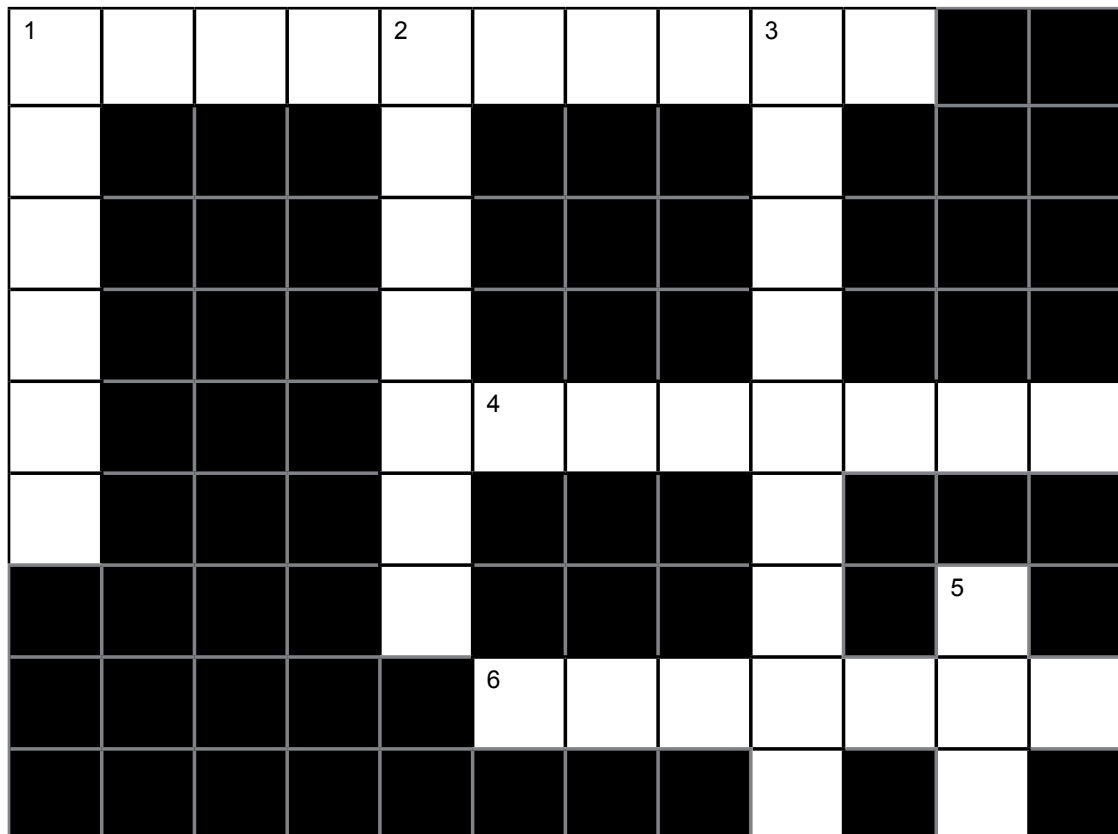
Read the following sentences and fill in the blanks. Also, complete the below given puzzle.

Across:

- 1. Producing goods or services to sell on a large scale is called a _____ activity.
- 4. The equatorial zone lies in the _____ zone.
- 6. A plant or animal group with all members having similar general features is known as _____.

Down:

- 1. A mass of leaves and branches that form a cover high above the ground is called _____.
- 2. The rays of the Sun fall directly on the _____.
- 3. The southern frigid zone comprises the continent of _____.
- 5. The Equatorial Region has a hot and _____ climate.





Choose and write



A. Fill in the blanks using words from the help box.

Help box

core

form

hydrosphere

atmosphere

biosphere

- The inner most layer of the Earth is called the _____.
- Water on the Earth is in continuous _____.
- The total amount of water present on the Earth is called _____.
- The layer of gases surrounding the Earth is called _____.
- _____ is the environment in which a living thing grows.

B. Match the terms in Column I to the related terms in Column II.

Column I

- Crust
- Carbon dioxide
- Water vapor
- Glaciers
- Nitrogen

Column II

- Hydrosphere
- Maintains temperature
- 78%
- Ocean floor
- Photosynthesis



Choose and write



Label the below mentioned continents and oceans in the map.

Help box

Asia	Africa	Europe
North America	South America	Australia
Antarctica	Pacific Ocean	Arctic Ocean
Indian Ocean	Southern Ocean	Atlantic Ocean





Choose and write



Choose the words from the list given below and complete the sentences.

Latitudes axis revolution elliptical longitudes
Orbit rotation revolution

- a. These imaginary lines that run horizontally across a map or globe are called _____.
- b. An imaginary line around which a body rotates is known as _____.
- c. The movement of the Earth around the Sun on a fixed path is called _____.
- d. The orbit of the Earth around the Sun is _____ in shape.
- e. These imaginary lines that run from North to South on the surface of the globe are called _____.
- f. The spinning movement of the Earth on its own axis is called _____.
- g. The path taken by a celestial body while revolving around another one is called _____.
- h. The _____ of the Earth causes seasons, equinoxes, and solstices.

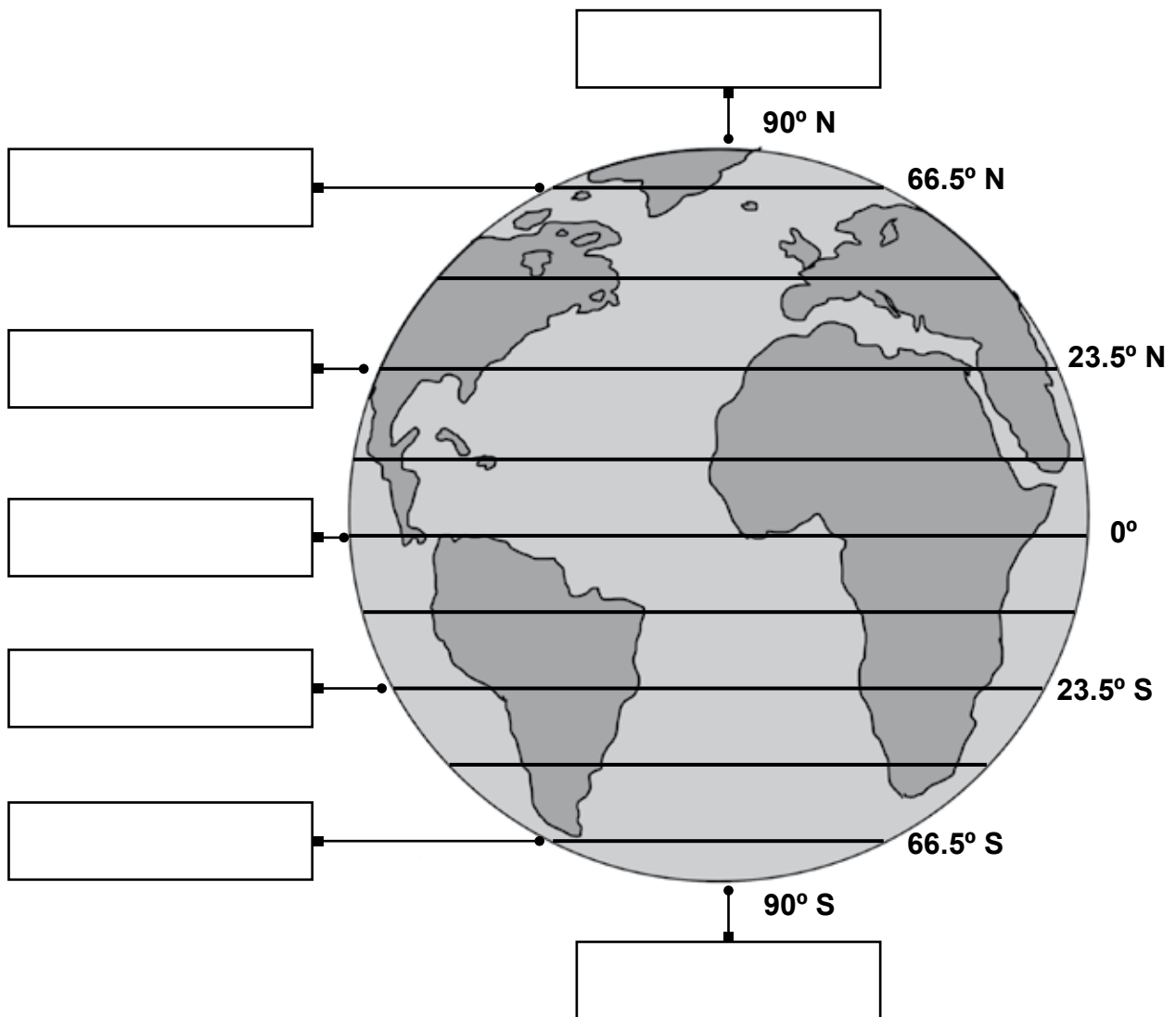


Choose and write



Label the diagram using the following words:

- | | | |
|------------------|---------------------|---------------|
| North Pole | South Pole | Equator |
| Tropic of Cancer | Tropic of Capricorn | Arctic Circle |
| Antarctic Circle | | |





Choose and write



Look at the image given below and answer the given questions. Use the words given in the help box.



The Western Hemisphere



The Eastern Hemisphere

- _____ and _____ are the joint continents.
- The _____ hemisphere has more land than the _____ hemisphere.
- _____ is the southern most continent.
- The equator crosses the continent of _____.
- The _____ Ocean is to the south of Asia.
- World's highest waterfall is _____ Falls.
- Indian Ocean separates _____ and Africa.
- If you travel west from _____, you would reach the continent of Asia.

Help box

Northern	North America	Europe	Africa	Asia
Southern	Indian	Antarctica	Angel	Australia