



K.D.M.A International

Winter Holiday Homework
Class- VIII (2025-26)

Dear Parents,

It's vacation time! Time to refresh yourself and visit new places. At the same time, we want our students to learn and explore more. So here we have fun filled holiday homework. Please take a printout of the homework sheets and paste it into notebooks according to subjects. Please take care of the neatness of work.

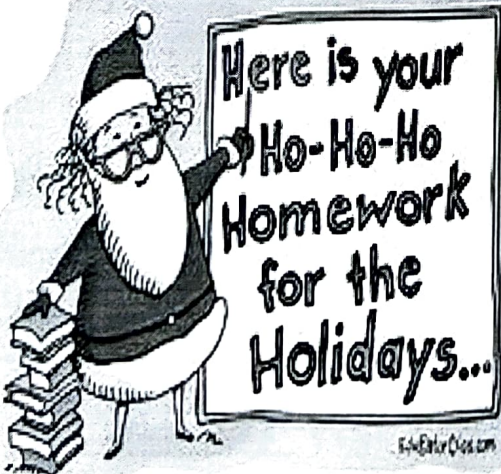
NOTE

- Winter Break commence from 31.12.2025 (Wednesday) to 14.01.2026 (Wednesday).
- The School reopens on 15.01.2026 (Thursday).
- The date of submission of Winter Holiday Homework is 20.01.2026.

Priyanka Saigal
Priyanka Saigal
(Principal)

Neha Lodhi
Neha Lodhi
(Coordinator)

Happy & Winter
HAPPY HOLIDAYS





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Winter Holiday Homework

PRACTICE SHEET

ENGLISH CLASS VIII

NAME _____ ROLLNO _____ SEC _____

Q1. Read the passage carefully and answer the following questions.

The Amazon rainforest, often referred to as the "Lungs of the Earth," is the largest tropical rainforest on the planet. It covers an area of approximately 5.5 million square kilometers and is home to an incredible diversity of plant and animal species. The rainforest plays a crucial role in regulating the Earth's climate by absorbing carbon dioxide and producing oxygen through photosynthesis. However, the Amazon is facing numerous threats, including deforestation, climate change, and illegal logging. Deforestation, primarily driven by agricultural expansion and logging, poses a significant risk to the biodiversity and ecological balance of the region.

The loss of trees not only reduces the forest's ability to absorb carbon dioxide but also leads to habitat destruction and threatens the survival of indigenous communities and rare species. Efforts to protect the Amazon rainforest are underway, with initiatives aimed at conservation, sustainable land management, and the enforcement of environmental laws. International cooperation and support are essential to address the complex challenges facing the region and ensure the preservation of this invaluable ecosystem for future generations.

Answer the following questions:

1. What is the Amazon rainforest often called, and why?
2. How large is the Amazon rainforest, and what makes it significant?
3. What are some of the threats facing the Amazon rainforest?
4. Explain the role of deforestation in endangering the Amazon rainforest.
5. What efforts are being made to protect the Amazon rainforest?

Q2. Read the poem carefully and answer the following questions.

In the forest, tall and green,
The whispering trees can be seen.
Their branches sway in gentle breeze,
Telling secrets only they seize.

With leaves that rustle soft and low,
They share stories that only they know.
Of ancient days and mysteries deep,
In their embrace, secrets they keep.

As sunlight filters through the leaves,
Their murmurs calm, like a gentle breeze.
They speak of life, of love, of dreams,
In the quiet of the woods, it seems.

So listen closely when you're near,
The whispering trees, they hold dear.
For in their whispers, you may find,
A world of wonder, vast and kind.

Answer the following questions:

1. What do the trees do in the poem?
2. How are the trees described in terms of their communication?
3. What is the opposite of the word 'soft'?
4. What is the figure of speech used in the above poem?
5. What message or lesson might the poet want readers to take away from the poem?

Q3. Transform the following sentences as directed –

1. You are clever.(negative)
2. Naveen and Sunil were not best friends.(affirmative)
3. The computer was not working.(interrogative)
4. My friends and I are going on a trip together.(negative)
5. Nobody was ready to start the presentation.(interrogative)
6. Shaun's father was not sick.(affirmative)
7. Isn't it sunny outside?(declarative)
8. He is very obedient.(Exclamatory)

Q4. Read the following sentences and identify the type of sentence.

1. Please shut the windows and doors.
2. Do you like chocolate pastries?
3. My name is Astrid Gracy.
4. Where are you going?
5. Such a beautiful place!
6. Go and try this new dress.
7. Today is Monday.
8. Please clean your cupboard today.

Q5. Read the following sentences and identify the type of noun used.

1. Kolkata is the capital of West Bengal.
2. The Royal Bengal Tiger is found in the Sunderbans.
3. The jury gave a unanimous verdict.
4. Laughter is good for health.
5. The crowd is very big.
6. The elephant is an intelligent animal.
7. The Ganges is a sacred river.
8. I bought furniture for my new house.

Q6. Read the following sentences and convert them into indirect speech.

1. Rahul told to me, "When are you leaving?"
2. "Where do you live?" the stranger asked Aladdin.
3. The teacher said to Shelly, "Why are you laughing?"
4. Dhronacharya said to Arjun, "Shoot the bird's eye."
5. "Call the first convict," said the jury.
6. "Call the ambulance," said the man.
7. Bruce said to me, "I shall do the work."
8. My mother said to me, "You were wrong."
9. Mr Richard said to me, "Please wait here till I return."
10. The captain said to me, "Bravo! You have played well."

Q7. Go through the sentences given below and identify the voice used.

1. Shreya Ghoshal sings beautiful songs.
2. The Sun sets in the West.
3. The boy was being beaten by his teacher.
4. Bucky is helped by Steve.
5. The carpenter is building the desk.

Q8. You are Madhav/Madhavi Verma of class VIII. You have lost your library book which was issued to you, in the playground. Draft a notice for the school notice board, informing the students about it.



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MATHEMATICS PRACTICE SHEET

CLASS VIII

Q1. Fill in the Blanks

1. Zero has _____ reciprocal.
2. The numbers _____ and _____ are their own reciprocals.
3. (The reciprocal of -5 is _____.
4. Reciprocal of $1/x$, where $x \neq 0$ is _____.
5. The product of two rational number is always a _____.

Q2. The product of two rational numbers is $-28/81$. If one of them is $-2/3$ then find the other.

Q3. Find $3/7 + (-6/11) + (-8/21) + (5/22)$

Q4. From a rope 11 m long, two pieces of lengths $13/5$ m and $33/10$ m are cut off. What is the length of the remaining rope?

Q5. A drum full of rice weighs $241/6$ kg. If the empty drum weighs $55/4$ kg, find the weight of rice in the drum.

Q6. Solve: (i) $2y + 9 = 4$ (ii) $3x + 2(3x-1) = 12$ (iii) $4(x+4) + 7 = 16$ (iv) $9y + 6(2y-3) = 2(y-1)$ (v) $4m + 2 = 2(m-1)$

Q7. If the sum of two angles of a quadrilateral is 180° , what is the sum of remaining two angles?

Q8. How many sides has a regular polygon, each angle of which is of measure 108° ?

Q9. The interior angle of a regular polygon is 156° . Find the number of sides of the polygon

Q10. What is the number of diagonals in a :

(i) hexagon

(ii) octagon

(iii) hexagon

Q11. Find the number of sides of a regular polygon whose exterior angle is 45° .

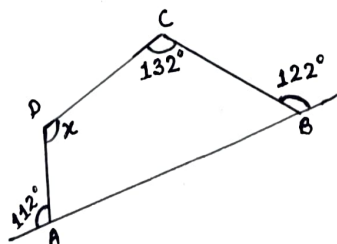
Q12. Two adjacent angles of a parallelogram are in the ratio 4:5. Find the measure of each of its angles.

Q13. Two sides of a parallelogram are in the ratio 5:3. If its perimeter is 64 cm. Find the lengths of its sides.

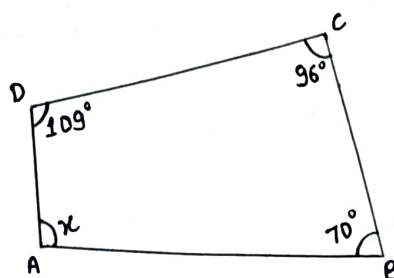
Q14. The length of a rectangle is 8 cm and each of its diagonals measures 10 cm. Find its breadth.

Q15. Find 'x' in the figure shown aside.

(a)



(b)





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CLASS VIII

SCIENCE PRACTICE SHEET

A. Critical thinking:

1. Can growing a few wheat plants in your garden be called as growing crops? Explain.
2. Do you think using public transport, carpooling and riding bicycles can save natural resources?
3. It is often seen that the pillars holding the bridge have a broader base, why?

B. Discovery base learning:

Coal is used to generate electricity in thermal power plants. Find out the location of major thermal power plants in India. What could be the reasons for their being located at those places?

C. Experiential learning:

1. Identify the action as 'Push' or 'pull' in the following examples:
 - a. A football hit by a player.
 - b. Closing a door.
 - c. Moving a cart in a departmental store.
 - d. Opening the door.
 - e. Inserting a plug in the socket.
 - f. Opening a drawer.
2. Our earth is like magnet, which attracts everything towards it. This force that earth exerts on the other objects is called as the earth's gravity. It is denoted by 'g' and is equal to 9.8 meter / s^2 . Do you think each planet has its own gravity?

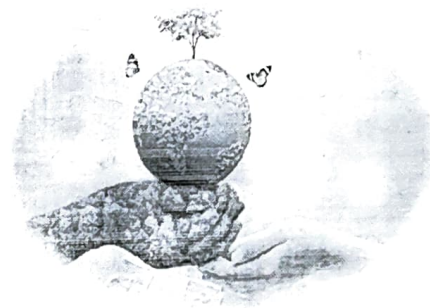
Read and find out Moon also.

SCIENCE QUESTIONS [LEARN IT]

1. What is the organization of chemical elements based on their atomic number and recurring chemical properties called? Ans. Periodic table
2. How are elements arranged in the periodic table? Ans. Decreasing atomic number
3. The atomic number of an element is determined by the number of: Ans. Protons in its nucleus
4. What is the total number of known elements in the periodic table? Ans. 118
5. The rows of the periodic table are called: Ans. Periods
6. What are the columns of the periodic table known as? Ans. Groups
7. Which element has the atomic number 1 and is the lightest element in the periodic table?
Ans. Hydrogen

Topic: Environment Protection Activities

Students have to do any one of the following activities:



1. Create a Small Kitchen Garden at Home

(Grow vegetables/herbs)

OR

2. Set up a Bird Feeder and Water Bowl for Birds

OR

3. Collect Environmental News and make a Short Awareness Video (Duration: 1–2 minutes)

(Prepare a short report or scrapbook on environmental issues)

OR

4. Create a bird-friendly nesting station using coconut husks and other natural materials.

Project Proof Submission

- Take photographs / short videos while doing the activities
Attach them in your project file.

Project File Work

Write the following things in your project file.

1. Short Note for Each Activity Include:

(a) What did you do?

(b) When and where did you do it?

2. Benefits to the Environment

(a) How did your action help nature?

3. Learning Outcome

(a) What did you learn from this project?

4. Future Commitment

(a) How will you continue helping the environment?