



INSPIRE • INNOVATE • SUCCEED

IMPERIAL HERITAGE SCHOOL



GRADE V

STUDENT NAME:

CLASS & SECTION:

SESSION:

2026-27



INSPIRE • INNOVATE • SUCCEED



Dear Parents,

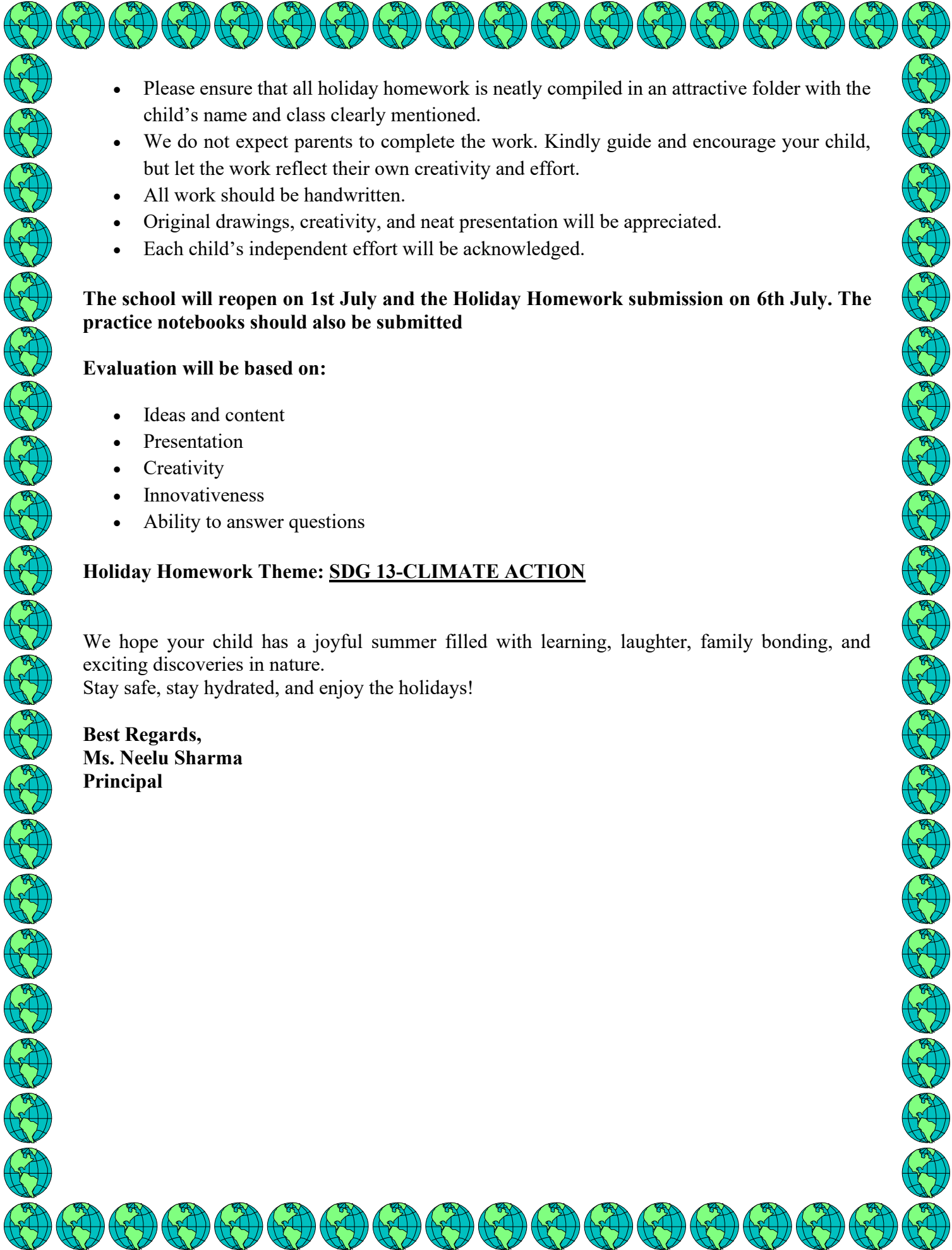
Summer vacations are a much-awaited time for children—a chance to relax, play, and enjoy a break from their regular school routine. These holidays are not just for rest, but also a wonderful opportunity to spend meaningful time together as a family. Children may forget expensive gifts over time, but they will always remember the love, care, and happy moments shared with their parents and family members.

This summer, let us make learning fun and meaningful by encouraging children to explore, create, and stay connected to their roots.

- Here are some thoughtful and enjoyable activities that parents and children can do together during the summer holidays:
- Work together on meaningful projects like creating eco-friendly crafts, recycling activities, or planning ways to reduce waste at home.
- Discuss important real-life topics such as environmental protection, healthy habits, goal setting, and social responsibility.
- Explore educational activities like documentaries, science experiments, book discussions, or creative research projects.
- Plan fitness routines together such as yoga, walking, cycling, or participating in outdoor sports and adventure activities.
- Cook nutritious meals together while teaching children about balanced diets, food choices, and kitchen skills.
- Visit historical sites, museums, nature reserves, or cultural places to make learning more practical and enriching.
- Encourage problem-solving through family quizzes, strategy games, debates, or planning small events together.
- Participate in community service activities such as tree plantation drives, helping underprivileged communities, or cleanliness campaigns.
- Practice financial literacy by teaching budgeting, saving, responsible spending, or small entrepreneurial ideas.
- Reflect and bond through journaling, future planning, family discussions, and sharing experiences or personal goals.
- These activities will help children develop confidence, responsibility, awareness, and stronger family connections while making their summer holidays meaningful, enjoyable, and productive.

Make three practice notebooks:

One for English and Hindi writing practice and dictation words, and one for Mathematics practice. A little daily practice will help children stay in touch with their studies.

- 
- Please ensure that all holiday homework is neatly compiled in an attractive folder with the child's name and class clearly mentioned.
 - We do not expect parents to complete the work. Kindly guide and encourage your child, but let the work reflect their own creativity and effort.
 - All work should be handwritten.
 - Original drawings, creativity, and neat presentation will be appreciated.
 - Each child's independent effort will be acknowledged.

The school will reopen on 1st July and the Holiday Homework submission on 6th July. The practice notebooks should also be submitted

Evaluation will be based on:

- Ideas and content
- Presentation
- Creativity
- Innovativeness
- Ability to answer questions

Holiday Homework Theme: SDG 13-CLIMATE ACTION

We hope your child has a joyful summer filled with learning, laughter, family bonding, and exciting discoveries in nature.
Stay safe, stay hydrated, and enjoy the holidays!

**Best Regards,
Ms. Neelu Sharma
Principal**

THEME: SDG 13-CLIMATE ACTION

“Act now for a better tomorrow.” Climate Action is about understanding the importance of protecting our planet and taking simple everyday steps to keep the Earth safe, clean, and healthy. Today, our world is facing many environmental challenges such as pollution, cutting down of trees, rising temperatures, water shortage, and excessive waste. These changes are affecting nature, wildlife, and human life in many ways. Climate change can lead to extreme weather, loss of natural resources, and harm to the environment we depend on.

As responsible young citizens, it is important for children to learn how their small actions can create a big positive impact. Saving electricity by switching off lights and fans when not in use, conserving water, planting more trees, reducing plastic use, recycling waste, and keeping surroundings clean are simple but powerful ways to care for our Earth. Choosing eco-friendly habits like reusing materials, walking short distances, or using public transport can also help reduce pollution and protect natural resources.

Through this theme, children will understand that every small step matters. By developing awareness, responsibility, and love for nature, they can become active contributors towards a greener future. This holiday homework will encourage students to explore environmental issues, practice sustainable habits, and inspire others to care for the planet. Together, we can make a difference and build a cleaner, greener, and healthier world for ourselves and future generations. The time to act is now, because the choices we make today will shape the tomorrow we share.





ENGLISH

“Act now for a better tomorrow.”

Climate Action means taking steps to protect our Earth from harmful changes in weather and rising temperatures. Pollution, deforestation, and excessive use of resources are causing climate change, which affects plants, animals, and human life. Everyone can help by saving energy, planting trees, reducing waste, and using eco-friendly habits. Small actions today can make a big difference in protecting our planet for the future.

We should also learn to conserve water, switch off lights when not in use, and avoid using plastic. Using public transport, recycling materials, and caring for nature are simple ways to help the environment. If each one of us becomes responsible, we can work together to make our planet cleaner, greener, and healthier for future generations.

TASK 1: Climate Reporter Task (Observation-Based)

Learning Outcomes:

1. Develop observation skills by noticing environmental changes
2. Build awareness about climate issues in daily life
3. Understand the impact of human actions on the environment
4. Improve reporting and writing skills
5. Encourage responsible habits like saving water and electricity
6. Foster care for the environment in Telangana

INSTRUCTIONS:

1: Become a *Climate Reporter* for one week. Observe your surroundings carefully (home, school, and neighborhood).

2: Focus on real-life situations happening around you, especially in Telangana.

3: Identify and write about THREE different observations:

- Extreme heat or unusual weather
- Water or electricity wastage
- One positive climate-friendly action

4: Write THREE separate paragraphs (100–120 words each).

5: In the report, include:

- What you observed
- It is harmful or helpful for the climate
- One suggestion for improvement

6: Writing Guidelines

- Use simple and clear language
- Write in complete sentences
- Keep each paragraph within 100–120 words
- Maintain proper paragraph structure

7: Presentation

- Check spelling and grammar
- Write neatly on A4 sheets
- Use proper headings for each report
- Add drawings or pictures to make it attractive

Relate Your Reports with Telangana (by mentioning)

1. High summer temperatures in cities like Hyderabad
2. Water shortages or drying lakes such as Hussain Sagar
3. Electricity wastage due to heavy use of fans/ACs during hot weather
4. People planting trees or saving water in your area
5. Local efforts to keep surroundings clean and green

Example:

"This week, I noticed extreme heat in Hyderabad where temperatures were very high..."

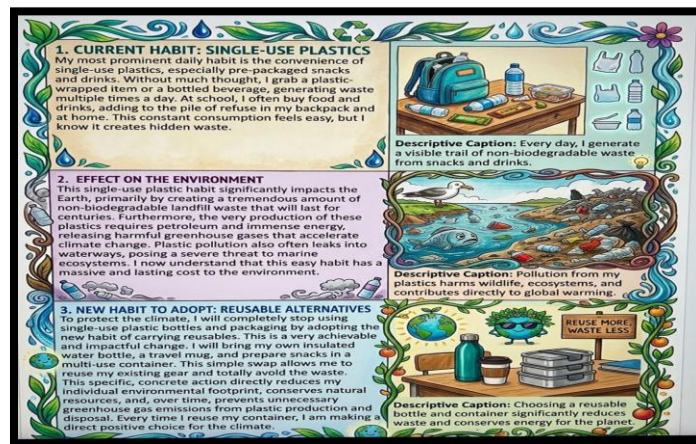
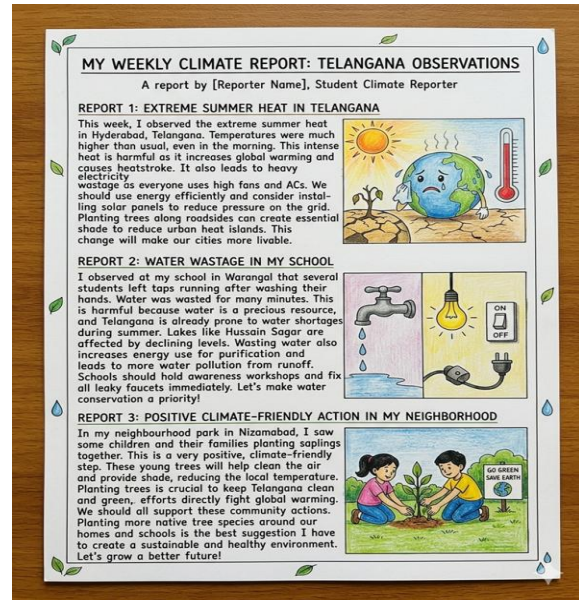
TASK 2: Pictorial representation – My Climate Choice

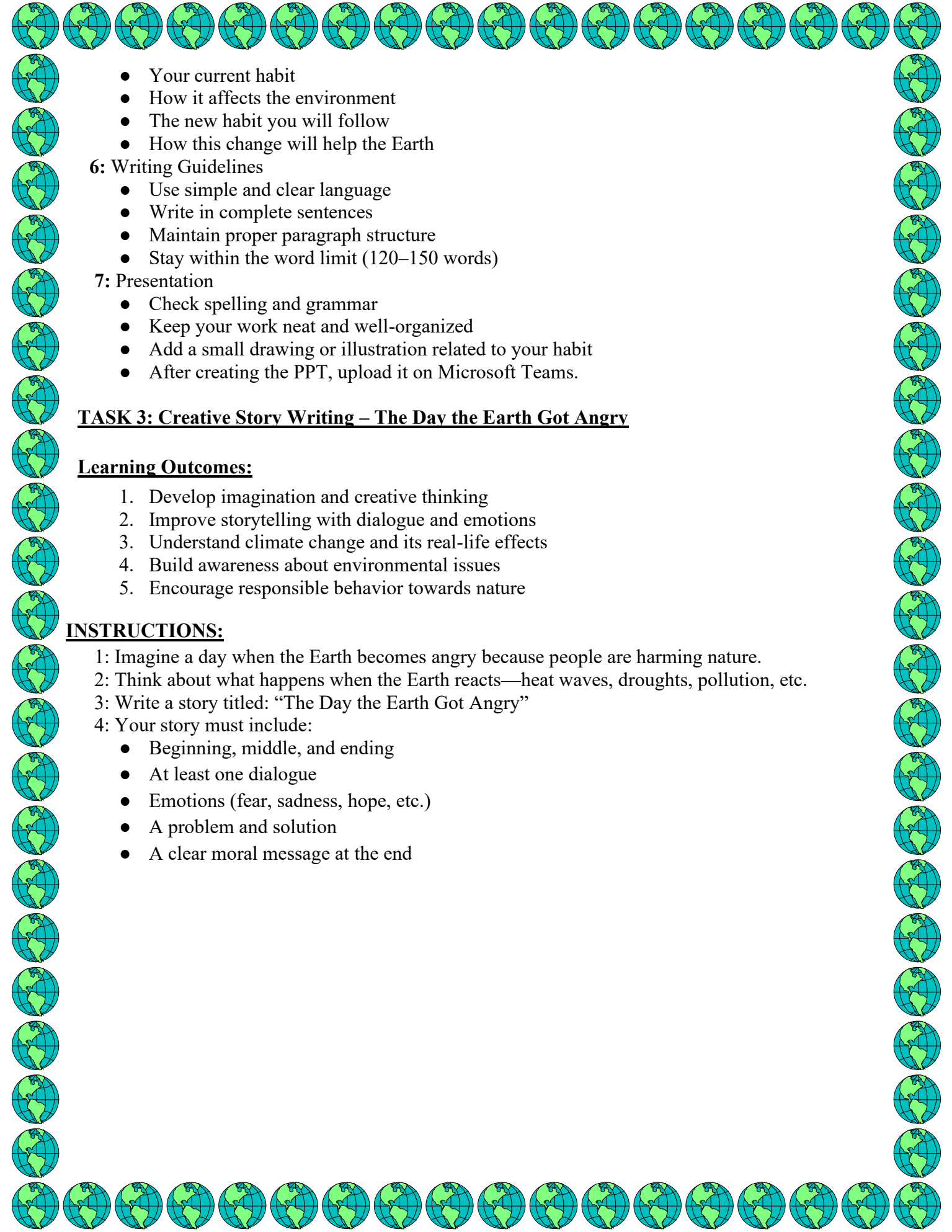
Learning Outcomes:

1. Develop awareness about personal habits and their impact on the environment
2. Encourage responsible decision-making for climate protection
3. Improve opinion writing and self-expression skills
4. Build critical thinking by linking actions to environmental effects
5. Foster a sense of responsibility towards sustainable living

INSTRUCTIONS:

- 1: Think about one daily habit you currently follow (for example: wasting water, using plastic, leaving lights on, etc.).
- 2: Reflect on how this habit affects the environment and contributes to climate change.
- 3: Decide one new habit you will adopt to reduce harm to the planet.
- 4: Create a pictorial representation showing one habit you will change to protect the climate.
- 5: In your presentation, include:



- 
- Your current habit
 - How it affects the environment
 - The new habit you will follow
 - How this change will help the Earth

6: Writing Guidelines

- Use simple and clear language
- Write in complete sentences
- Maintain proper paragraph structure
- Stay within the word limit (120–150 words)

7: Presentation

- Check spelling and grammar
- Keep your work neat and well-organized
- Add a small drawing or illustration related to your habit
- After creating the PPT, upload it on Microsoft Teams.

TASK 3: Creative Story Writing – The Day the Earth Got Angry

Learning Outcomes:

1. Develop imagination and creative thinking
2. Improve storytelling with dialogue and emotions
3. Understand climate change and its real-life effects
4. Build awareness about environmental issues
5. Encourage responsible behavior towards nature

INSTRUCTIONS:

- 1: Imagine a day when the Earth becomes angry because people are harming nature.
- 2: Think about what happens when the Earth reacts—heat waves, droughts, pollution, etc.
- 3: Write a story titled: “The Day the Earth Got Angry”
- 4: Your story must include:
 - Beginning, middle, and ending
 - At least one dialogue
 - Emotions (fear, sadness, hope, etc.)
 - A problem and solution
 - A clear moral message at the end

Day the Earth Got Angry

1. THE PROBLEM: A RAPIDLY GROWING TELANGANA

In Hyderabad, a bustling metropolis in Telangana, rapid expansion was visible everywhere. Modern steel and glass skyscrapers rose quickly, often replacing older structures. Traffic on newly constructed flyovers and roads was dense, with cars and auto-rickshaws. This development meant many trees were being cleared for new projects. The summers in summer heat reaching over 45 degrees Celsius. People noticed less green cover. It felt like the city was constantly growing, but perhaps without enough thought for nature.



Descriptive Caption: Modern Hyderabad cityscape with towering buildings, heavy traffic on concrete roads, and clear skies, showing minimal and extensive construction. People are visible but busy, ignoring nature.

2. THE REACTION: THE DAY THE EARTH GOT ANGRY

Then came a day like no other. The sky above Telangana turned an ominous, angry shade of purple-orange. The familiar waters of Hussain Sagar Lake, once a place for recreation, receded dramatically. Its shores cracked and baked into dry mud flats. In the surrounding villages, farmers found their fields completely parched, with crops wilting. Water taps were dry, and villagers faced severe water shortages, queuing for hours. Dialogue: "Vikarabad farmer, Mallanna, cried out in despair, "Why has the sky forsaken us? Our fields are dust!" Emotions like fear and sadness filled the air as people realized nature was fighting back. The Earth was expressing its rage through heat, drought, and lack of rain.



Descriptive Caption: Dramatic scene of Hussain Sagar Lake partially dried up, exposing a cracked lake bed. Farmers in fields nearby pointing to dead, withered crops under a dark, stormy, purple-orange sky. Villagers waiting in a long line with empty pots at a dry pump. Intense heat waves are visible in the distance.

3. THE CHANGE: HOPES AND SOLUTIONS

Overwhelmed by the clear signal from the Earth, the people of Telangana decided to change. They realized they had been taking nature for granted. In cities and villages alike, communities organized. In Hyderabad, urban farming projects blossomed on rooftops. Large-scale tree-planting initiatives, like an expanded 'Haritha Haram', were launched along roadsides and near lakes. Water-saving measures became a priority, with rain-water harvesting tanks installed in new and old buildings. Solar panels were installed on public buildings.

Dialogue: Mayor Lakshmi announced with a determined smile, "A greener, water-secure Telangana is our promise. Today we start again." A problem was met with collective action. Maral: Respecting nature is not a choice, but a necessity for our future. The solutions brought hope. They decided to support all such actions to make their state healthier.



Descriptive Caption: Optimistic scene of a community 'Haritha Haram' event. People of all ages planting saplings near a restored, clean lake with clear blue water and reflections. Rooftops have green gardens. Solar panels visible on a building. Smiling Sun and a cheerful, cool Earth character are looking on.

Material Required:

A4 sheet:4 , A3 Sheet:2

Reading books is a great way to improve your vocabulary and language skills. It helps you learn new words, understand their meanings, and use them correctly in sentences. To support this, here is a list of some recommended books that you can explore and enjoy.

- * The Jungle Book — Rudyard Kipling
- * The Blue Umbrella — Ruskin Bond
- * The Magic Faraway Tree — Enid Blyton
- * Grandma's Bag of Stories — Sudha Murty
- * Diary of a Wimpy Kid — Jeff Kinney

MATH

Task1-“Electric Vehicles & Math – Haryana vs Telangana”

Objective:

To understand how mathematics helps in studying real-life data like electric vehicles in different states of India.

Instructions

Step 1: Data Collection : Find out the number of electric vehicles registered in: Haryana & Telangana

Step 2: Number Work : For both states, do the following:

1. Write the number in:
 - a) Indian Number System
 - b) International Number System



TASK 1: ELECTRIC VEHICLES & MATH – HARYANA vs TELANGANA		TASK 2: CARBON COUNT – FAMILY TRANSPORT MATH																																																																			
Step 1: Data Collection Number of Electric Vehicles Registered (as per data 2024) HARYANA: 1,48,312 TELANGANA: 2,40,405 GO GREEN! GO ELECTRIC!		Observe how your family travels for 5 days and make a table.																																																																			
Step 2: Number Work <table border="1"> <tr> <th></th> <th>HARYANA</th> <th>TELANGANA</th> </tr> <tr> <td>Indian Number System</td> <td>1,48,312</td> <td>2,40,405</td> </tr> <tr> <td>International Number System</td> <td>148,312</td> <td>240,405</td> </tr> <tr> <td>Number Name (Indian System)</td> <td>One lakh forty eight thousand three hundred twelve</td> <td>Two lakh forty thousand four hundred five</td> </tr> <tr> <td>Number Name (International System)</td> <td>One hundred forty eight thousand three hundred twelve</td> <td>Two hundred forty thousand four hundred five</td> </tr> <tr> <td>Expanded Form</td> <td>$1,00,000 + 40,000 + 8,000 + 300 + 10 + 2$</td> <td>$2,00,000 + 40,000 + 400 + 0 + 5$</td> </tr> <tr> <td>Successor (Next Number)</td> <td>1,48,313</td> <td>2,40,406</td> </tr> <tr> <td>Predecessor (Previous Number)</td> <td>1,48,311</td> <td>2,40,404</td> </tr> </table>			HARYANA	TELANGANA	Indian Number System	1,48,312	2,40,405	International Number System	148,312	240,405	Number Name (Indian System)	One lakh forty eight thousand three hundred twelve	Two lakh forty thousand four hundred five	Number Name (International System)	One hundred forty eight thousand three hundred twelve	Two hundred forty thousand four hundred five	Expanded Form	$1,00,000 + 40,000 + 8,000 + 300 + 10 + 2$	$2,00,000 + 40,000 + 400 + 0 + 5$	Successor (Next Number)	1,48,313	2,40,406	Predecessor (Previous Number)	1,48,311	2,40,404	<table border="1"> <thead> <tr> <th>Day</th> <th>Walking</th> <th>Cycling</th> <th>Scoter / Car</th> <th>Bus / Metro</th> <th>Total Trips</th> </tr> </thead> <tbody> <tr> <td>Day 1</td> <td>2</td> <td>1</td> <td>2</td> <td>1</td> <td>6</td> </tr> <tr> <td>Day 2</td> <td>1</td> <td>2</td> <td>1</td> <td>1</td> <td>5</td> </tr> <tr> <td>Day 3</td> <td>2</td> <td>1</td> <td>1</td> <td>2</td> <td>6</td> </tr> <tr> <td>Day 4</td> <td>1</td> <td>2</td> <td>2</td> <td>1</td> <td>6</td> </tr> <tr> <td>Day 5</td> <td>2</td> <td>1</td> <td>1</td> <td>1</td> <td>5</td> </tr> <tr> <td>Total</td> <td>8</td> <td>7</td> <td>7</td> <td>6</td> <td>28</td> </tr> </tbody> </table> <p>Total number of trips = 28 Eco-Friendly trips (Walking + Cycling + Bus/Metro) = $8 + 7 + 6 = 21$</p> <p>Notes: - Peak used method: walking (8 trips) - Eco-friendly trips: 21 - To reduce pollution, use shared walk, cycle or use bus/metro more.</p>		Day	Walking	Cycling	Scoter / Car	Bus / Metro	Total Trips	Day 1	2	1	2	1	6	Day 2	1	2	1	1	5	Day 3	2	1	1	2	6	Day 4	1	2	2	1	6	Day 5	2	1	1	1	5	Total	8	7	7	6	28
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Step 4: Drawing Go Green, Go Electric! Small steps today, better tomorrow. Think Green. Live Clean. Save Future.		<table border="1"> <thead> <tr> <th>Device</th> <th>Fan</th> <th>Cooler</th> <th>AC</th> <th>Total Hours Per Day</th> </tr> </thead> <tbody> <tr> <td>Hours Used</td> <td>6 hrs</td> <td>3 hrs</td> <td>4 hrs</td> <td>13 hrs</td> </tr> </tbody> </table> <p>Total hours used in one week = $13 \times 7 = 91$ hours</p> <p>If usage is reduced by 1 hour per day, Hours saved in one week = $1 \times 7 = 7$ hours</p> <p>Two suggestions to save electricity: 1. Use fans instead of AC when possible. 2. Switch off and unplug devices when not in use.</p>		Device	Fan	Cooler	AC	Total Hours Per Day	Hours Used	6 hrs	3 hrs	4 hrs	13 hrs																																																								
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TASK 4: CLIMATE-BASED WORD PROBLEMS																																																																					
1. A family uses 35 litres of water daily. How much water do they use in 7 days? Solution: $35 \times 7 = 245$ litres		2. A car uses 3 litres of fuel to get to school. If a family goes 4 times a week, how much fuel do they need? Solution: $3 \times 4 = 12$ litres																																																																			
3. 45 saplings are planted in a park. After a week, 10 more are planted. How many saplings are there now? Solution: $45 + 10 = 55$ saplings		4. A school uses 120 units of electricity in a week. If they reduce 20 units, how many units are used now? Solution: $120 - 20 = 100$ units																																																																			
5. A person cycles 6 km daily. How many km will he cycle in 5 days? Solution: $6 \times 5 = 30$ km		SAVE ENVIRONMENT, SAVE LIFE!																																																																			

2. Write the Expanded Form of the numbers.

3. Find:

- a) Successor (next number)
- b) Predecessor (previous number)



Step 3: Operations

- Add the numbers of vehicles in both states.
- Compare the numbers:
 - a. Which state has more EVs?
 - b. Which has less EVs?
- Find the difference between the two numbers of vehicles in both states.

Step 4: Presentation

- Show your work neatly on A3 sheets
- Use:
 - Tables
 - Colours
 - Headings

Step 5: Short Paragraph (80–100 words)

Write a small paragraph on:

“Advantages and Disadvantages of Electric Vehicles”

Include: Points covered:

- Why EVs are good for the environment
- Any challenges (like charging, cost, etc.)
- Draw a small picture of an electric vehicle
- Add a slogan like: “*Go Green, Go Electric!*”

Task-2 Carbon Count – Family Transport Math

For **5 days**, observe how your family travels locally.

Make a table showing trips by:

- Walking
- Cycling
- Scooter / Car
- Bus / Metro

Then:

- Find the **total number of trips**
- Count **eco-friendly trips**
- Answer:
 - Which travel method was used most?
 - How can travel choices reduce pollution?

Task -3 Cooling Cost Challenge – Summer Electricity Math

Observe cooling devices used at home.

Steps:

- Note daily hours used for fans, cooler, AC
- Prepare a table
- Calculate **total hours used in one week**
- If usage is reduced by **1 hour per day**, calculate hours saved in a week

Write **two suggestions** to save electricity.

Task- 4 Climate-Based Word Problems

Create **5 word problems** based on:

- Water saving
- Fuel saving
- Tree plantation

Materials Required: A4 sheets- (8) white, 4 colorful
A3 size sheets - 2(colorful). Solve all neatly.

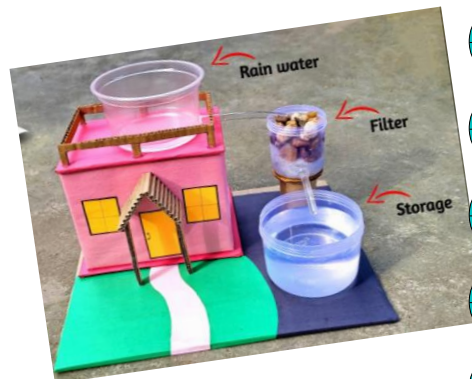
SCIENCE

Task 1. MODEL (Compulsory) Make using waste material:

- Rainwater Harvesting Model (Roll Numbers 1- 8)
 - Solar Energy Model (Roll Numbers 9- 16)
 - Global Warming in a Box (Roll Numbers 17- 25)
- Label all parts clearly and write 8–10 lines explaining the model.

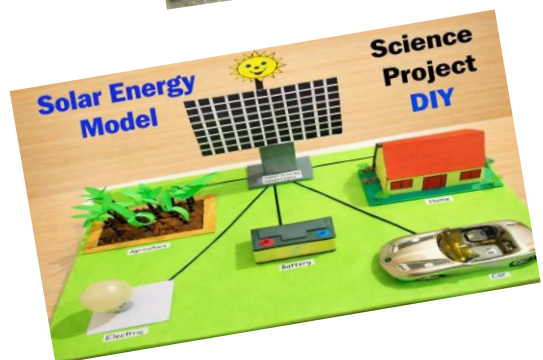
Rainwater Harvesting Model : Basic items needed:

- Old cardboard box / shoe box (base)
- Plastic bottles (cut to make tanks)
- Straws or old pipes (for water flow)
- Used ice cream sticks (to make house/roof)
- Waste paper/newspaper (for land/ground)
- Clay or mud (to shape ground)
- Small pebbles/sand (to show filtration)



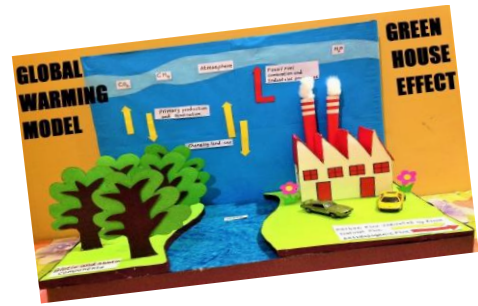
Solar Energy Model: Basic items needed:

- Cardboard base
- Aluminium foil (to show solar panels)
- Black chart paper (panel surface)
- Old wires or threads (connections)
- Small toy house / handmade house (from waste boxes)
- Bottle caps (for small parts like batteries/inverter)
- LED light (optional, if available)



Global Warming in a Box: Basic items needed:

- Shoe box or carton (to create “inside scene”)Old magazines/newspapers (for pictures of pollution, trees, etc.)
- Cotton (for smoke/clouds)
- Black/grey paper (to show pollution)
- Green paper (trees) + dry leaves/twigs
- Small plastic items (factories, vehicles – handmade from waste)
- Red/orange paper (to show heat/fire)
- <https://youtu.be/QFAqRCyd-Vo?si=gAY6FiLSl-N8bzC>



Task 2 : Climate Change in My Surroundings

- Observe your surroundings at home or school carefully.
- Think about any changes you notice in weather or the environment.
- Write your report using clear headings: *Introduction, Signs of Climate Change, Problem, Solutions, and Conclusion.*
- Mention **two signs** of climate change you observe.
- Write **one problem** it causes to people, plants, or animals.
- Suggest **two simple solutions** that families can follow.
- Keep your sentences short and write in your own words.
- Present your work neatly on an **A3 sheet**.
- Add a small, neat drawing to support your report.
- Check your spelling and handwriting before submitting.

Task 3 : Collage + Slogan

- Create a **collage** using newspapers, magazines, or drawings on: “**Causes and Solutions of Climate Change**” (Haryana & Telangana)
- Create a collage on an A3 sheet, using newspapers, magazines, or drawings showing real examples from Telangana and Haryana.
- At least 2 causes of climate change (e.g., stubble burning in Haryana, deforestation, pollution, heat waves in Telangana)
- At least 2 solutions (e.g., rainwater harvesting, planting trees, solar energy use, saving water)
- One strong slogan
- 5–6 lines explaining your collage



HINT: You may use a **split collage**:

- Left side: *Problem (Causes in Haryana & Telangana)*
- Right side: *Solutions*

Add labels like: “*Heat Waves in Telangana*”, “*Air Pollution in Haryana*”

Materials Required: A3 Sheets : 2 coloured , A4 sheets : 4 white

SST

SDG 13 (Climate Action) focuses on taking urgent steps to combat climate change and its impacts. In Social Science, this connects with:

- Geography: Understanding climate, weather, and natural resources
- Civics: Role of government and citizens in sustainable development
- Economics: Impact on agriculture, livelihoods, and development

Task 1: Model – “My Climate-Friendly City/Village”

◇ What to Show:

- Trees and green parks 🌳
- Solar panels ☀️
- Cycle tracks 🚲
- Rainwater harvesting 💧
- Clean waste disposal ♻️



◇ Steps to Execute:

1. Take a cardboard base and divide into sections (roads, houses, parks).
2. Use clay/chart paper to make buildings and trees.
3. Add small solar panels (black paper), blue strips for water harvesting.
4. Draw cycle tracks and dustbins for waste segregation.
5. Label each feature clearly.

Task 2: Poster – “Climate Reporter: Haryana vs Telangana”

Imagine you are a **Climate Reporter for a TV news channel**. Your job is to report about **climate change and its effects**. Prepare your report in points.

- Start with a greeting
- Mention today’s weather in your area
- Explain how climate is changing:
 - Hotter days
 - Less rain / irregular rainfall
 - Unusual weather patterns
- Share 2–3 effects of climate change:
 - Heat waves
 - Irregular rainfall
 - Water shortage / floods / melting glaciers

- Give 3 simple solutions people can follow:
 - Plant more trees
 - Save water
 - Reduce pollution
- End your report with: “This is your Climate Reporter signing off.”
- Record your presentation as a **news reading video**
- Go outdoors and record **near a tree or natural area**
- Upload the video on **Microsoft Teams**
- You may also hold a small drawing or placard of Earth or weather symbols

Task 3: Collage – “India Takes Action Against Climate Change”



- ◇ **Include:**
 - Government initiatives (solar energy, clean India campaigns) (one page)
 - Community efforts (tree plantation drives) (one page)
 - Responsible citizens (saving water, using public transport) (one page)
- ◇ **Add: Slogans: “Act Today, Save Tomorrow!” (Write your own slogan)**

◇ **Explanation (5–6 lines)**

◇ **Steps to Execute:**

1. Make a folder with an attractive cover page.
2. Collect pictures from magazines/newspapers.
3. Paste them neatly on A4 size paper (3 pages) under headings.
4. Write the slogans.
5. Add the explanation at the bottom of each page.
6. Attach pages inside the folder.

Material required: Chart Paper-1; A3 size sheet -3 (Black , Blue and anycolour) ; A4 size sheet-4 (White)

हिंदी (ग्रीन मिशन)



मिशन 1: अनुच्छेद चैलेंज

कल्पना करें कि आप "धरती के रक्षक" हैं।

विषय: जलवायु परिवर्तन - कारण, प्रभाव और समाधान

100-120 शब्दों में लिखिए

सहायक बिंदु : कारण | प्रभाव | समाधान

मिशन 2: नारा मास्टर

(क) अपने 5 दमदार नारे लिखिए:

उद्देश्य : छोटे, आकर्षक और प्रभावशाली!

(ख) अपना पसंदीदा नारा लिखें और समझाएँ:

मेरा नारा: _____

मिशन 3: कहानी क्रिएटर

शीर्षक: "जब प्रकृति ने चेतावनी दी"

कल्पना करें: कोई प्राकृतिक घटना

- लोगों की गलती
- सुधार और संदेश

अपनी कहानी लिखें

बोनस क्रिएटिव कॉर्नर (वैकल्पिक)

"हरी-भरी धरती" या "प्रदूषित धरती" का चित्र बनाइए

लक्ष्य:

- ✓ साफ लिखावट
 - ✓ नई सोच
 - ✓ पर्यावरण के प्रति जागरूकता
- "मैं बनूँगा/बनूँगी पृथ्वी का रक्षक!"

तेलंगाना : हरियाणा और तेलंगाना के प्रसिद्ध स्थलों के चित्रों से कोलाज बनाए -

Materials Required: A4 sheets- (8)



SANSKRIT



प्रिय छात्र-छात्रे! अस्मिन् ग्रीष्मावकाशे पृथिव्याः रक्षणाय कार्यं करोतु।

कार्यम् १ – चित्रकला (Drawing)

एकं चित्रं निर्मातु यत्र स्वच्छः पर्यावरणः दर्शितः भवेत्।

(Draw a picture showing a clean and green environment.)

चित्रे वृक्षाः, नद्यः, पशवः, च सूर्यः अवश्यं स्युः।

(The picture must include trees, rivers, animals, and the sun.)

A4 पत्रे रंगैः चित्रं निर्मातु। शीर्षकं संस्कृते लिखतु।

कार्यम् २ – वृक्षारोपणम् (Plant a Sapling)

गृहे एकं पादपं रोपयतु।

(Plant one sapling at home.)

तस्य नाम, जलसंयोगस्य दिनांकः च लिखतु।

(Write its name and the date you watered it.)

छायाचित्रं (photo) संलग्नं करोतु।

७ दिनानां वर्धनं प्रेक्षतु। (Attach a photo. Observe growth for 7 days.) (A4 पत्रे)

कार्यम् ३ – पुनर्चक्रणम् (Recycling Craft)

पुराणैः वस्तुभिः (कागज, बोतल, दफती) एकं नूतनं वस्तु निर्मातु।

(Using old items like paper, bottles, or cardboard — make something new.)

निर्मितं वस्तु विद्यालये प्रदर्शने स्थापयतु।

(Display your creation at school exhibition.)



वस्तुस्य उपयोगः लिखतु। विचारः मौलिकः भवेत्।

(Write the use of your creation. The idea should be original.)

कार्यम् ४ – निबन्धः (Essay Writing)

(Write a short essay in Sanskrit .)

विषयः: "जलवायु परिवर्तनम् – समस्या च समाधानम्"

Topic: "Climate Change – Problem and Solution"

न्यूनतः १०० शब्दाः। स्वयं लिखतु (copy न करोतु)।

(Minimum 100 words. Write yourself- do not copy.)(Note Book)

कार्यम् ५ – तुलनात्मक चार्ट " (Comparative Chart)

तेलंगाना-हरियाणा राज्यपरिचयः" ॥ सर्वे जिलानानि भारतवर्षस्य अङ्गानि सन्ति ॥

"Telangana-Haryana State Introduction" Prepare the district list of Haryana and Telangana

ICT

1. Digital Poster: Create a digital poster on: "Climate Action Begins with Me"

(Use Paint application)

2. Presentation: Prepare a 5–6 slide PPT on "What is Climate Change in Telangana and Haryana?"

- Causes
- Effects
- Solutions
- Air Quality Index

3. Technology; Climate (Use Ms. Word): Write a short note on: How Technology Helps Reduce Climate

Change (Examples: solar panels, electric vehicles, smart homes)

After completing your ICT holiday homework, please upload it on Teams

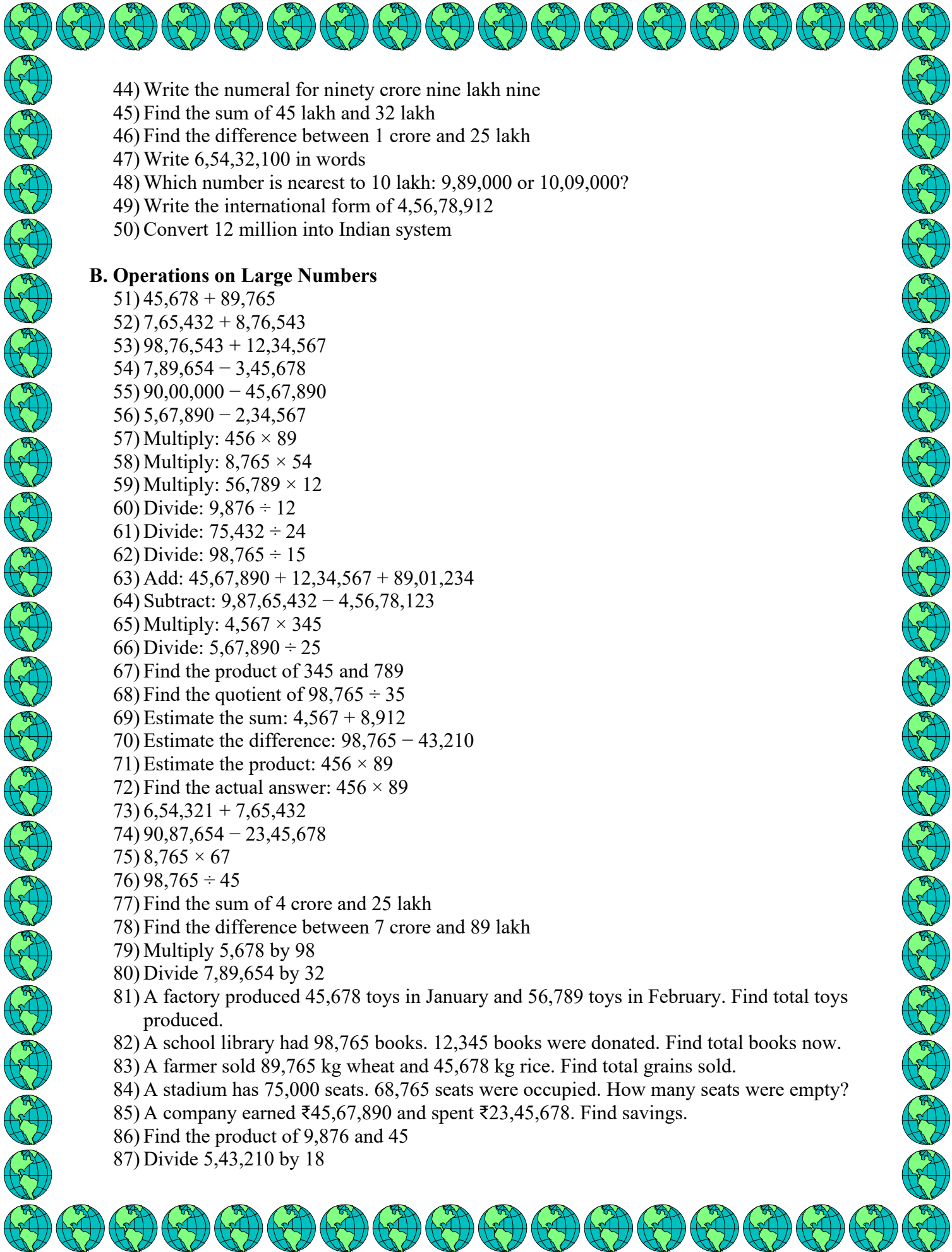




WORKSHEET

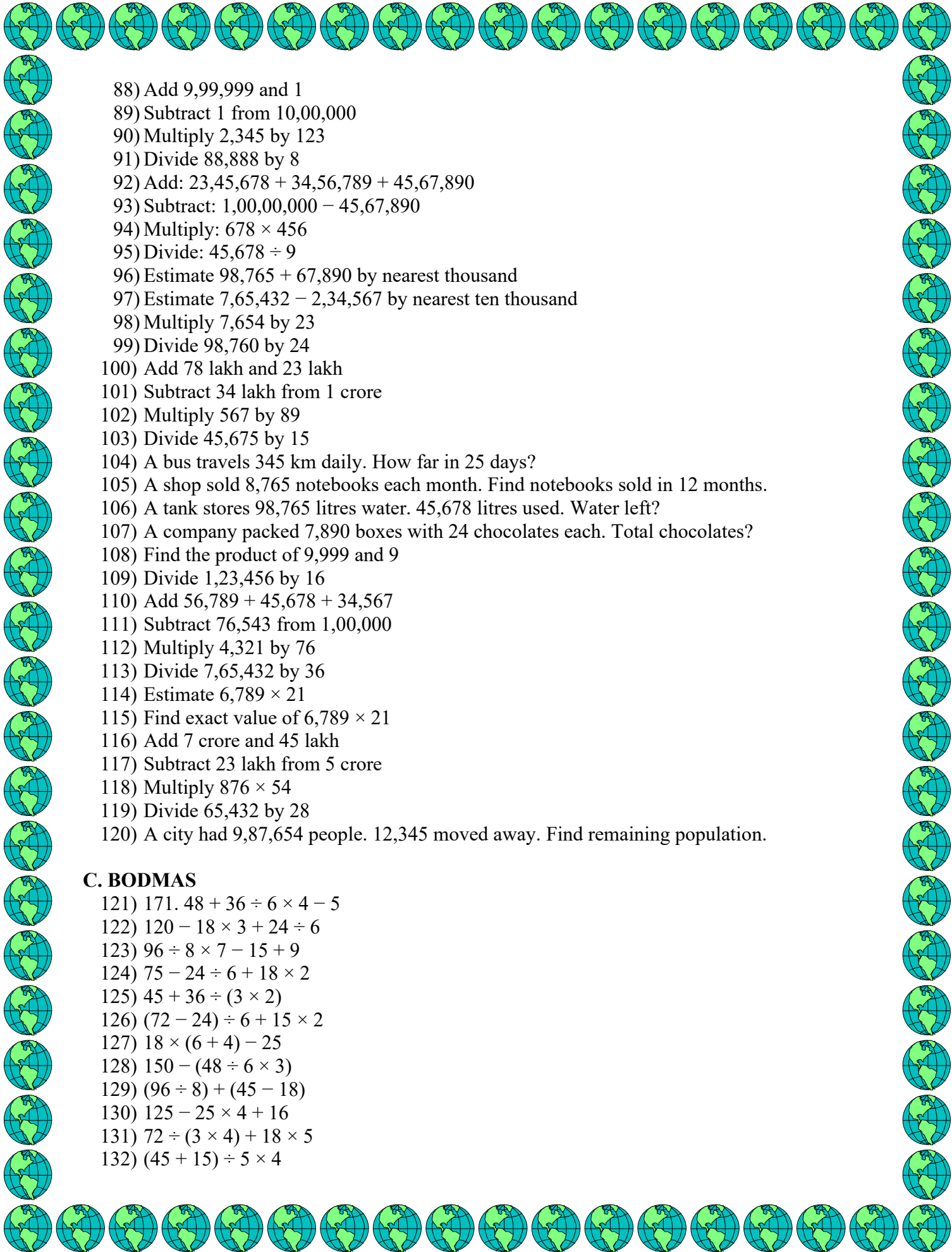
A. Large Numbers

- 1) Write in words: 4,56,78,321
- 2) Write in numerals: Thirty-two lakh forty-five thousand six hundred twelve
- 3) What is the place value of 7 in 8,74,35,921?
- 4) What is the face value of 9 in 9,08,76,543?
- 5) Arrange in ascending order: 7,45,231; 74,52,310; 4,75,231
- 6) Arrange in descending order: 56,78,432; 65,87,234; 55,67,823
- 7) Form the greatest 7-digit number using 3, 5, 0, 8, 9, 1, 4
- 8) Form the smallest 8-digit number using 6, 2, 9, 1, 0, 7, 5, 8
- 9) Write the successor of 89,99,999
- 10) Write the predecessor of 1,00,00,000
- 11) Compare using $>$, $<$ or $=$: 45,67,890 ____ 45,76,809
- 12) Insert commas correctly: 45678912
- 13) Write 7 crore in numerals
- 14) Write 98 lakh in numerals
- 15) Which number is greater: 9,87,65,432 or 9,78,56,423?
- 16) What is the expanded form of 5,08,07,604?
- 17) Write the short form: $30,00,000 + 5,00,000 + 70,000 + 400 + 6$
- 18) How many thousands are there in 9,45,000?
- 19) How many lakhs are there in 75,00,000?
- 20) What is the digit at the ten lakh place in 6,54,32,781?
- 21) Find the difference between the greatest and smallest 6-digit numbers.
- 22) Write the number name of 3,40,05,019
- 23) What must be added to 9,99,999 to get 10,00,000?
- 24) What must be subtracted from 50,00,000 to get 49,99,999?
- 25) Write the Indian place value chart up to crore.
- 26) Which is smaller: 8,09,34,567 or 8,09,43,567?
- 27) Form the greatest number using digits 8, 0, 4, 2, 5, 9
- 28) Form the smallest number using digits 7, 0, 1, 6, 8, 2
- 29) Find the sum of place values of both 5s in 5,45,25,876
- 30) Write the expanded form of 9,09,09,909
- 31) What comes 1000 after 6,78,90,000?
- 32) What comes 10,000 before 7,00,00,000?
- 33) Write 45 million in Indian system
- 34) Convert 8 crore into lakhs
- 35) Convert 900 lakhs into crores
- 36) Which digit is at the hundred thousands place in 9,76,54,321?
- 37) Find the missing digit: $6_45,890 > 62,45,890$
- 38) Write the standard form of: 4 crore + 8 lakh + 45 thousand + 200
- 39) How many digits are there in 9 crore?
- 40) What is the largest 5-digit number?
- 41) What is the smallest 7-digit number?
- 42) Find the place value of 3 in 3,03,03,303
- 43) Which number lies between 8,99,999 and 9,00,001?

- 
- 44) Write the numeral for ninety crore nine lakh nine
45) Find the sum of 45 lakh and 32 lakh
46) Find the difference between 1 crore and 25 lakh
47) Write 6,54,32,100 in words
48) Which number is nearest to 10 lakh: 9,89,000 or 10,09,000?
49) Write the international form of 4,56,78,912
50) Convert 12 million into Indian system

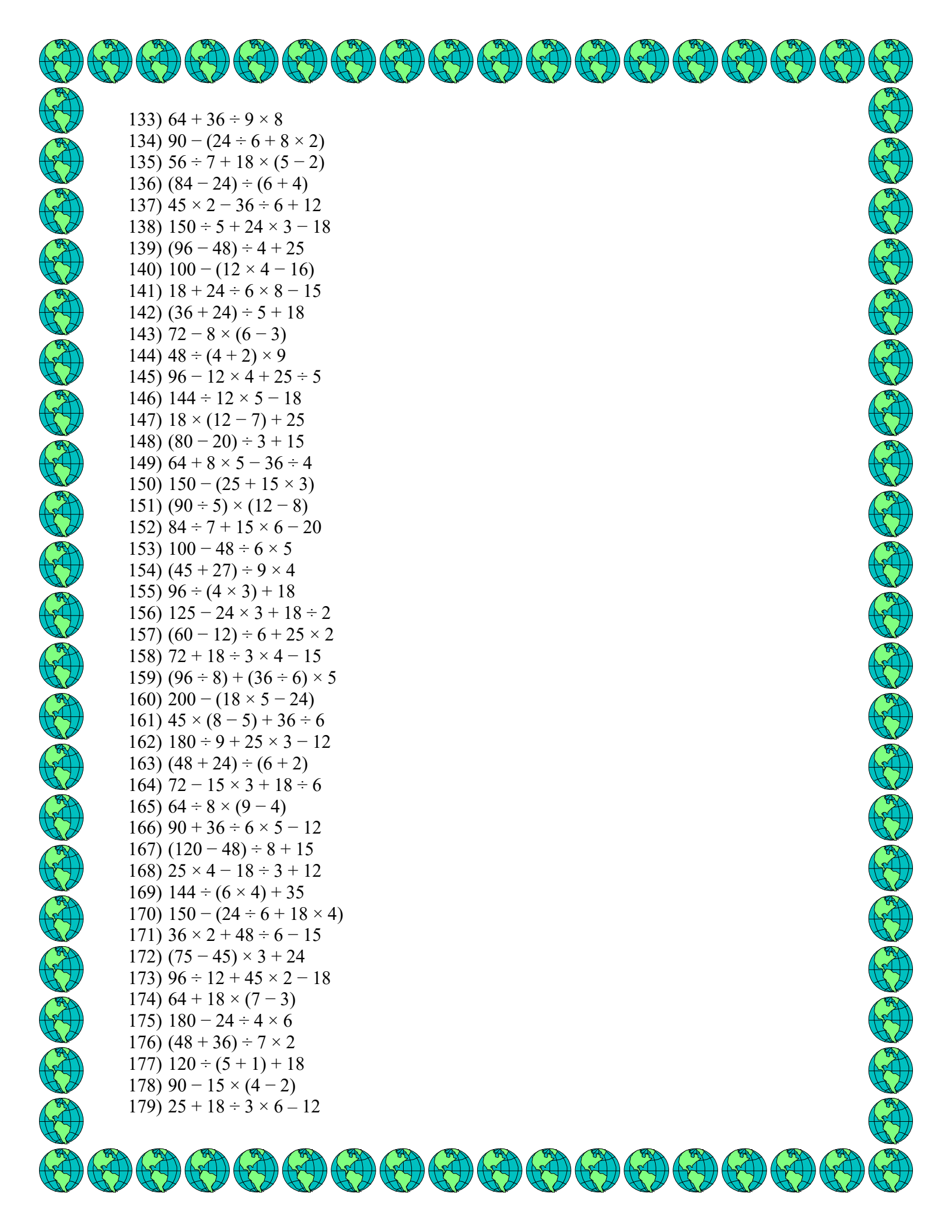
B. Operations on Large Numbers


- 51) $45,678 + 89,765$
52) $7,65,432 + 8,76,543$
53) $98,76,543 + 12,34,567$
54) $7,89,654 - 3,45,678$
55) $90,00,000 - 45,67,890$
56) $5,67,890 - 2,34,567$
57) Multiply: 456×89
58) Multiply: $8,765 \times 54$
59) Multiply: $56,789 \times 12$
60) Divide: $9,876 \div 12$
61) Divide: $75,432 \div 24$
62) Divide: $98,765 \div 15$
63) Add: $45,67,890 + 12,34,567 + 89,01,234$
64) Subtract: $9,87,65,432 - 4,56,78,123$
65) Multiply: $4,567 \times 345$
66) Divide: $5,67,890 \div 25$
67) Find the product of 345 and 789
68) Find the quotient of $98,765 \div 35$
69) Estimate the sum: $4,567 + 8,912$
70) Estimate the difference: $98,765 - 43,210$
71) Estimate the product: 456×89
72) Find the actual answer: 456×89
73) $6,54,321 + 7,65,432$
74) $90,87,654 - 23,45,678$
75) $8,765 \times 67$
76) $98,765 \div 45$
77) Find the sum of 4 crore and 25 lakh
78) Find the difference between 7 crore and 89 lakh
79) Multiply 5,678 by 98
80) Divide 7,89,654 by 32
81) A factory produced 45,678 toys in January and 56,789 toys in February. Find total toys produced.
82) A school library had 98,765 books. 12,345 books were donated. Find total books now.
83) A farmer sold 89,765 kg wheat and 45,678 kg rice. Find total grains sold.
84) A stadium has 75,000 seats. 68,765 seats were occupied. How many seats were empty?
85) A company earned ₹45,67,890 and spent ₹23,45,678. Find savings.
86) Find the product of 9,876 and 45
87) Divide 5,43,210 by 18

- 
- 88) Add 9,99,999 and 1
89) Subtract 1 from 10,00,000
90) Multiply 2,345 by 123
91) Divide 88,888 by 8
92) Add: $23,45,678 + 34,56,789 + 45,67,890$
93) Subtract: $1,00,00,000 - 45,67,890$
94) Multiply: 678×456
95) Divide: $45,678 \div 9$
96) Estimate $98,765 + 67,890$ by nearest thousand
97) Estimate $7,65,432 - 2,34,567$ by nearest ten thousand
98) Multiply 7,654 by 23
99) Divide 98,760 by 24
100) Add 78 lakh and 23 lakh
101) Subtract 34 lakh from 1 crore
102) Multiply 567 by 89
103) Divide 45,675 by 15
104) A bus travels 345 km daily. How far in 25 days?
105) A shop sold 8,765 notebooks each month. Find notebooks sold in 12 months.
106) A tank stores 98,765 litres water. 45,678 litres used. Water left?
107) A company packed 7,890 boxes with 24 chocolates each. Total chocolates?
108) Find the product of 9,999 and 9
109) Divide 1,23,456 by 16
110) Add $56,789 + 45,678 + 34,567$
111) Subtract 76,543 from 1,00,000
112) Multiply 4,321 by 76
113) Divide 7,65,432 by 36
114) Estimate $6,789 \times 21$
115) Find exact value of $6,789 \times 21$
116) Add 7 crore and 45 lakh
117) Subtract 23 lakh from 5 crore
118) Multiply 876×54
119) Divide 65,432 by 28
120) A city had 9,87,654 people. 12,345 moved away. Find remaining population.

C. BODMAS

- 121) $171. 48 + 36 \div 6 \times 4 - 5$
122) $120 - 18 \times 3 + 24 \div 6$
123) $96 \div 8 \times 7 - 15 + 9$
124) $75 - 24 \div 6 + 18 \times 2$
125) $45 + 36 \div (3 \times 2)$
126) $(72 - 24) \div 6 + 15 \times 2$
127) $18 \times (6 + 4) - 25$
128) $150 - (48 \div 6 \times 3)$
129) $(96 \div 8) + (45 - 18)$
130) $125 - 25 \times 4 + 16$
131) $72 \div (3 \times 4) + 18 \times 5$
132) $(45 + 15) \div 5 \times 4$

- 
- A decorative border of globe icons surrounds the text. The globes are arranged in a rectangular frame, with one globe at each corner and a row of globes along each side.
- 133) $64 + 36 \div 9 \times 8$
134) $90 - (24 \div 6 + 8 \times 2)$
135) $56 \div 7 + 18 \times (5 - 2)$
136) $(84 - 24) \div (6 + 4)$
137) $45 \times 2 - 36 \div 6 + 12$
138) $150 \div 5 + 24 \times 3 - 18$
139) $(96 - 48) \div 4 + 25$
140) $100 - (12 \times 4 - 16)$
141) $18 + 24 \div 6 \times 8 - 15$
142) $(36 + 24) \div 5 + 18$
143) $72 - 8 \times (6 - 3)$
144) $48 \div (4 + 2) \times 9$
145) $96 - 12 \times 4 + 25 \div 5$
146) $144 \div 12 \times 5 - 18$
147) $18 \times (12 - 7) + 25$
148) $(80 - 20) \div 3 + 15$
149) $64 + 8 \times 5 - 36 \div 4$
150) $150 - (25 + 15 \times 3)$
151) $(90 \div 5) \times (12 - 8)$
152) $84 \div 7 + 15 \times 6 - 20$
153) $100 - 48 \div 6 \times 5$
154) $(45 + 27) \div 9 \times 4$
155) $96 \div (4 \times 3) + 18$
156) $125 - 24 \times 3 + 18 \div 2$
157) $(60 - 12) \div 6 + 25 \times 2$
158) $72 + 18 \div 3 \times 4 - 15$
159) $(96 \div 8) + (36 \div 6) \times 5$
160) $200 - (18 \times 5 - 24)$
161) $45 \times (8 - 5) + 36 \div 6$
162) $180 \div 9 + 25 \times 3 - 12$
163) $(48 + 24) \div (6 + 2)$
164) $72 - 15 \times 3 + 18 \div 6$
165) $64 \div 8 \times (9 - 4)$
166) $90 + 36 \div 6 \times 5 - 12$
167) $(120 - 48) \div 8 + 15$
168) $25 \times 4 - 18 \div 3 + 12$
169) $144 \div (6 \times 4) + 35$
170) $150 - (24 \div 6 + 18 \times 4)$
171) $36 \times 2 + 48 \div 6 - 15$
172) $(75 - 45) \times 3 + 24$
173) $96 \div 12 + 45 \times 2 - 18$
174) $64 + 18 \times (7 - 3)$
175) $180 - 24 \div 4 \times 6$
176) $(48 + 36) \div 7 \times 2$
177) $120 \div (5 + 1) + 18$
178) $90 - 15 \times (4 - 2)$
179) $25 + 18 \div 3 \times 6 - 12$

- 
- 180) $(144 \div 12) \times (8 - 3)$
181) $72 + 36 \div 6 \times 5 - 20$
182) $(90 - 18) \div 6 + 24$
183) $48 \div 4 + 25 \times 3 - 18$
184) $150 - 18 \times 4 + 36 \div 6$
185) $(84 \div 7) \times (15 - 9)$
186) $96 - 24 \div 6 \times 7$
187) $45 + 18 \times (6 - 2)$
188) $(72 + 24) \div 8 \times 3$
189) $125 - 36 \div 6 + 18 \times 2$
190) $64 \div (4 + 4) \times 12$
191) $180 - (24 \times 5 - 36)$
192) $(96 - 36) \div 5 + 18$
193) $48 \times 2 - 72 \div 8 + 15$
194) $90 + 25 \times 2 - 36 \div 4$
195) $(144 \div 12) + (18 \times 3)$
196) $72 - 24 \div (6 - 2)$
197) $36 \times (8 - 5) + 18$
198) $120 \div 6 + 24 \times 2 - 15$
199) $(64 + 32) \div 8 + 18$
200) $150 - 45 \div 5 \times 6$
201) $18 \times 5 + 72 \div 8 - 24$
202) $(90 + 30) \div 6 \times 4$
203) $144 - 24 \times 4 + 18 \div 3$
204) $96 \div 6 \times (8 - 5)$
205) $45 + 36 \div 4 \times 7$
206) $(72 - 12) \div (5 + 1)$
207) $180 \div 9 + 18 \times 4 - 25$
208) $64 + 24 \div 6 \times 9$
209) $125 - (18 \times 5 + 12)$
210) $48 \times 3 - 96 \div 8 + 15$
211) $90 - 36 \div 6 \times 4$
212) $(120 \div 6) + (45 - 18)$
213) $72 + 18 \times 3 - 24 \div 6$
214) $150 - 48 \div (8 - 2)$
215) $64 \div 8 + 25 \times (6 - 2)$
216) $(96 + 24) \div 5 \times 2$
217) $45 \times 3 - 18 \div 2 + 24$
218) $180 - 36 \div 6 \times 8$
219) $(72 \div 6) \times (15 - 7)$
220) $200 - (24 \times 4 - 18)$