

# GRADE-IV

Have a great



VaCation!

NAME: .....

CLASS: .....

SECTION: .....

**ARSH VIDYA KENDRA, GURUGRAM**

**SUMMER HOLIDAY HOMEWORK SESSION 2024-25**

**GRADE IV**



**1. Find out the following about two states mentioned – Himachal Pradesh, Rajasthan, Kerala, Assam.**

**Also present your findings and draw or paste pictures on A 3 size sheet.**

- **Physical features and climatic condition.**
- **The capital of the state and the languages spoken.**
- **A famous monument.**
- **Cuisine and any other facts related to its culture and tradition.**

**2. Collect pictures of people and other information of different states in the Northern Plains and make a project on it.**

**3. Make a working model of different types of landforms (Roll no - 1 to 15) and States and capital (Roll no – 16 to 31)**

**4. Revise all the chapters done till date.**



# PRACTICE WORKSHEET

Name : \_\_\_\_\_ Roll No. : \_\_\_\_\_

Class : \_\_\_\_\_ Date : \_\_\_\_\_

## THE NORTHERN MOUNTAINS AND PLAINS

### Q.1 Fill in the blanks:

- The word Himalaya means .....
- The ..... is the highest peak of the Himalayas.
- The foothills of the Shivalik ranges is called the..... region.
- ..... was the first Indian woman to climb Mount Everest
- The Northern Plains extend in length for ..... kilometers.
- ..... is called the 'rice bowl' of India.
- Brahmaputra river is called ..... in Tibet.
- The ..... Canal draws water from Satluj river.
- The second highest peak in the world is .....
- The ..... in the Himachal and ..... important passes in the Himalayas.
- The Yamuna river starts from the ..... glacier.
- The Middle Himalayas also known as the ..... Range lies to the .....of the Himadri Range.
- The area at the foothills of the Shivalik Range is called the .....
- The traditional loose kurta worn by men and women in Kashmir is called .....
- ..... is surrounded on three sides by Bangladesh.
- Nagaland is the home of the .....
- The Brahmaputra river enters India through .....
- The state of ..... gets the heaviest rainfall in the country.

The carpets and pashmina shawls of Kashmir are World



**Q.2 Give one word:**

- a) A row of mountains. ....
- b) An area that is watered by the river. ....
- c) A narrow path in the mountains. ....
- d) The loss of soil due to rain or wind. ....
- e) The dam built on river Satluj. ....
- f) The action started by government to clean river Ganga. ....
- g) Planting of trees on a large scale
- h) A special tea of Kashmir..
- i) Long skirts traditionally worn by the women of Sikkim.
- j) The biggest state in the north-eastern region.
- k) A hill station situated in the northern part of West Bengal.
- l) A small boat in the Kashmir region mostly used for boating for pleasure. ....
- m) This state has important places of religious and tourist interest.
- n) The first woman to climb Mount Everest.
- o) A special crop of Kashmir.
- p) The capital of Arunachal Pradesh..
- q) India's first National Park.

**Himachal Pradesh has the highest cricket ground in the world at Chail.**

**The Kaziranga National Park is a wild life sanctuary in Assam. It hosts two-thirds of world's great one-horned rhinoceroses and is Heritage Site.**

**Q.3 Paste pictures of any famous hill station located in Himalayas on A3 size sheet.**

**Q.4 Give reasons:**

a) There is hardly any vegetation in Himadri range because  
.....  
.....

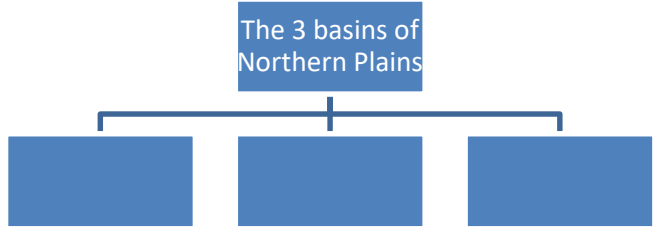
b) The Northern Plains are thickly populated because

.....  
.....

c) The Northern Plains are called "rice bowl of India" because

.....  
.....

**Q.5 Complete the following flowchart:**



**Q.6 Write the important passes and mention the states where they are located.**

Pass	State
a) .....	.....
b) .....	.....
c) .....	.....

**Q.7 Correct the false statements:**

- a) Ganga starts from Yamunotri glacier.  
.....
- b) Mahanadi delta is the largest delta in the world.  
.....
- c) Vijay Dhiman was the first man to scale Mt. Everest.  
.....
- d) The place from where the river begins is called Mouth.  
.....

**Q 8. Fill in the blanks with the help of help box.**

**Gangotri, Bihu, Assamese, Baisakhi, Alluvium**

- 1. Fine soil brought by rivers of the northern plains .....
- 2. The main festival of Punjab is .....
- 3. The language of Assam is .....
- 4. The main festival of Assam is .....
- 5. River Ganga originates from the glacier. ....

**Q 9. Match the following.**

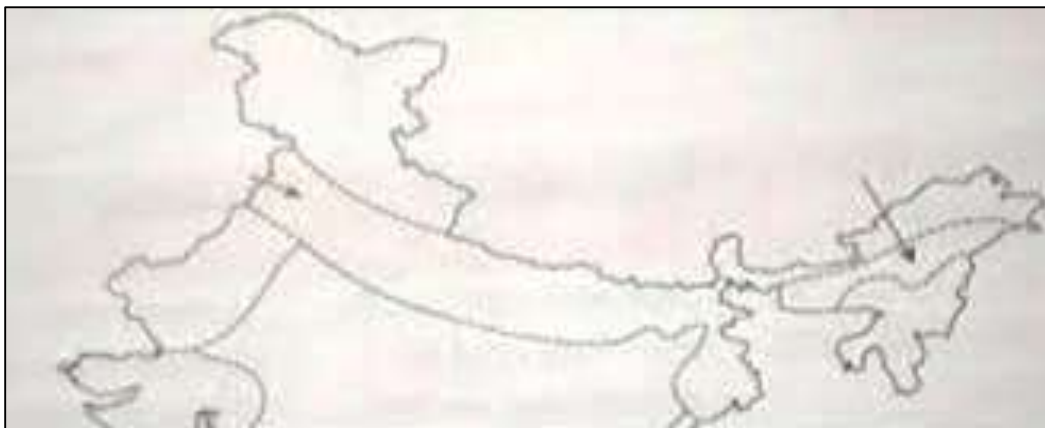
- |  |              |
|--|--------------|
| 1. Punjab and Haryana.                                 | Tributaries  |
| 2. Uttar Pradesh.                                      | Basin        |
| 3. Assam and Tripura.                                  | Satluj Basin |
| 4. A river flowing into a larger river.                | Ganga Basin  |
| 5. The river and its tributaries flow through an area. | Brahmaputra  |

**Q 10. Locate the river plains of India. (Drag the answers to the right place)**

Satluj Basin.

Ganga Basin.

Brahmaputra Basin





1. Learn all the chapters done in class till 31st may,2024

2.The government of India has banned the use of plastic bags. Why?

3.Think and answer

- Ananya's mother bought her some light-colored clothes for summer. Why do you think white clothes are ideal for the hot weather?
- Krishna Grandma told him to wear a full sleeve night suit before going to bed. Why?
- Rohan's mother washed his cotton T-shirt yesterday. The next day he found that the shirt was shrunk. Why do you think this happened?

4. Children take a nature walk during morning time and make note. How you feel about your health.

5. Write a note on global warming and note daily temperature.

6.Children in the summer vacation observe the wild animal (T.V. show) and make a list of them and classify them according to their,

a. Feeding habits

b. Body covering

c. Organs of movement

7. Make a model or chart of the life cycle of (Roll no. Wise)

a. Butterfly Pg. 53(1-12)

b. Hen Pg. 52 (13-24)

c. Frog Pg. 53 (25- Above)



## 8. PLANT SEEDS & WATCH THEM GROW:

Plant any seeds (wheat, bean, moong, mustard etc.) and watch the growth of the seedlings as they sprout from the seed while making sure to take proper care of them with just the right amount of warmth and water.

**Method:** Fill the container with soil. Plant seeds of same kind (Ex. Mustard, Tomato, Wheat, Bean, Moong) inside the soil. Place the container somewhere, where it is warm, sunlight is good but try to avoid too much direct sunlight, a window sill is a good spot. Keep the soil moist by watering it every day (be careful not to use too much water). Note down the development of germination process. Collect the data for 1 week in the given format.

- Name of the seed: \_\_\_\_\_
- Date of sowing seeds: \_\_\_\_\_
- The day you observe something coming out of the soil then start filling the table in the given format

Day/date	Height of plant (in cm)	No.of leaves seen	Any other change in stem of plant

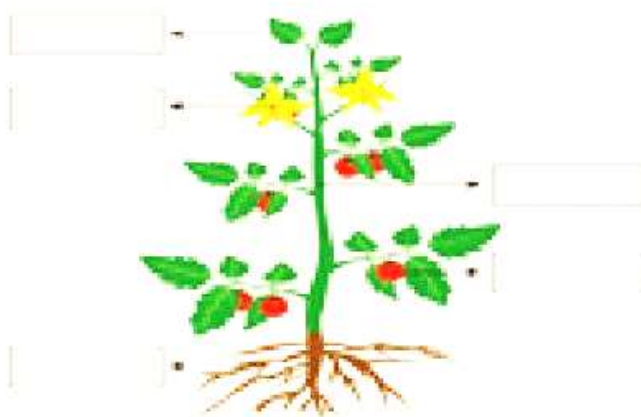


## Let's Talk Science



1. Vertebrates are animals with \_\_\_\_\_.
  2. Mammals and \_\_\_\_\_ are warm blooded vertebrates.
  3. I am cold blooded, breathe through lungs and have dry scaly skin:
  4. I am a mammal but lay eggs. What am I?
  5. I live in water and can breathe under water through gills.
- 6-10 Use these words to label the parts of the plant below.

Fruit      Leaf      Flower      Root      Stem



11. To grow healthily plants need air, water, nutrients and \_\_\_\_\_.

12. \_\_\_\_\_ have a fixed shape but (13) \_\_\_\_\_ take the shape of the container.

14. When a liquid is heated it \_\_\_\_\_ faster.



15. Water freezes at \_\_\_\_\_ degrees celcius.

16. Salt \_\_\_\_\_ in water.

17. Stone is \_\_\_\_\_ in water.

18. \_\_\_\_\_ is the best way to separate mixed buttons and paperclips.

19. A \_\_\_\_\_ is ideal to separate coffee from water.

20. A \_\_\_\_\_ can be used to separate pins from buttons.

## Plants need leaves

All plants use their leaves for feeding. The green chlorophyll in the leaves of the plant uses the sunlight to change carbon dioxide and water into food.

This process is called PHOTOSYNTHESIS

- 1) Look at the plants below. They are all getting the same water and sunlight. Circle the plant which will grow the biggest?



- 2) What part of the plant is used for feeding?

\_\_\_\_\_

- 3) What is the name of the green stuff in leaves?

\_\_\_\_\_

- 4) What is the process of a plant feeding called?

\_\_\_\_\_

- 5) If a plant has lots of leaves, will it help the plant grow?

\_\_\_\_\_

# ENGLISH

Summer Holidays are a great time to learn new things.

It's time to have fun, create and invent.

Please take note of the following suggestions: -

- Encourage your child to converse in English.
- Encourage your child to watch informative programmes on television.
- Encourage your child to draw, colour, cut and paste. This improves their creativity!
- Help them revise all the concept done so far.

Be a Storyteller

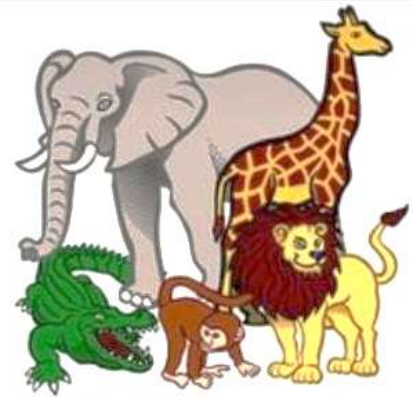
- Read any 2-3 stories from any book. Pick out new words which you have learnt from the stories.
- Write a story in your own language with pictures too on A3 SHEET.



Read the passage given below and answer the questions that follows.

### A Visit to the Zoo

Today our class teacher took us to the zoo. We went to the zoo by bus. We were about twenty students on the bus. We entered the zoo through a large gate. Our teacher guided us. We saw a lion inside a cage. We also saw tigers, giraffes and other wild animals in a fenced area. The best experience was seeing the roar of the big Lion face to face. Snake park was also a part of the zoo. It was a thrilling experience watching the snakes move just like that behind the glass panes. We came back to school at 3 PM. It was a place worth to spend time with family or big groups.



Q1. Where did the class teacher take the children?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q2. How many students were there on the bus?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q3. What did the students see at the zoo?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q4. What was the best experience at the zoo?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q5. At what time they came back from the zoo?

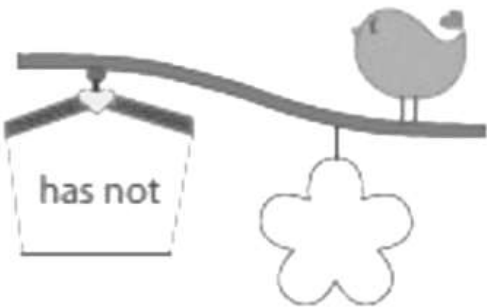
Ans. \_\_\_\_\_  
\_\_\_\_\_

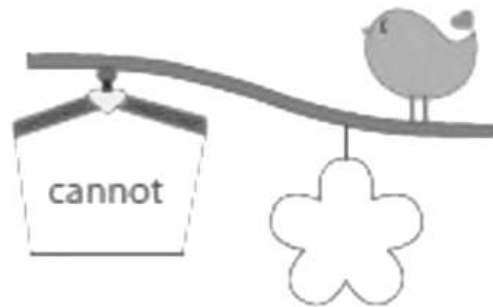
# Contractions

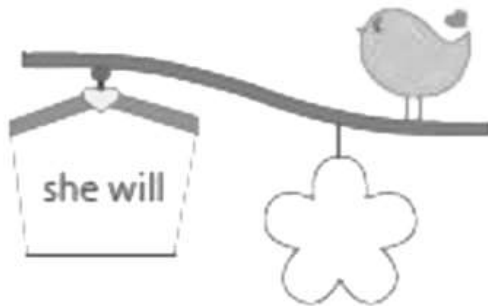
A contraction is a word made by shortening two words and combining them with an apostrophe.

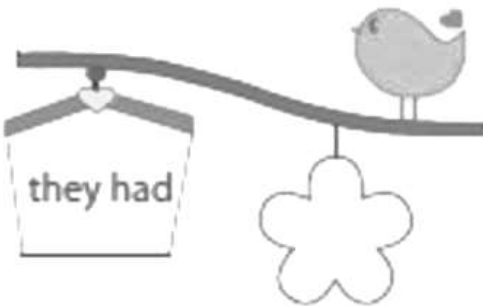
Example: should not - shouldn't

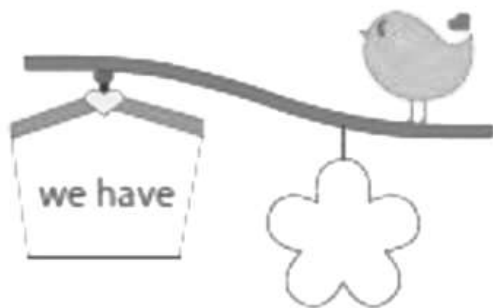
Write the contraction for each set of words.

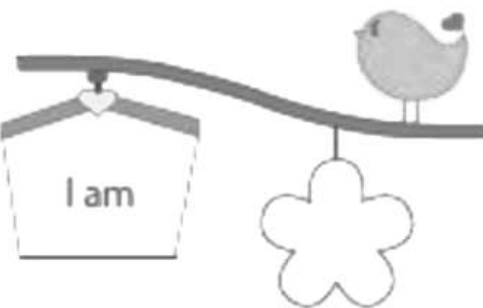
1) 

2) 

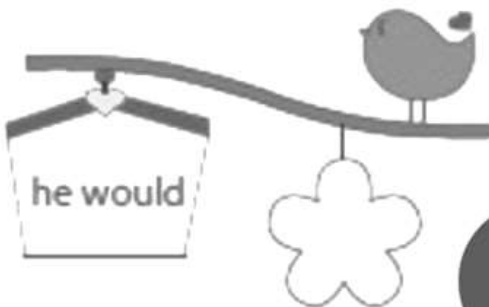
3) 

4) 

5) 

6) 

7) 

8) 



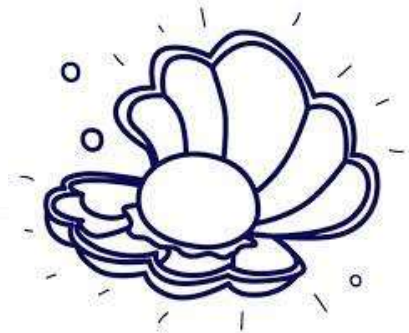
## HOMOPHONES

Homophones are the words that are pronounced identically although they have different meanings and often have different spellings as well.

**For examples:** To - Two    Be - Bee    Sun - Son    Tail - Tale

### Choose the correct options

- The sun sets in the \_\_\_\_\_  
a) knight b) night
- The cat caught a \_\_\_\_\_ in the garden.  
a) mice b) mousse
- She wore a beautiful \_\_\_\_\_ around her neck.  
a) pearl b) purl
- Can you \_\_\_\_\_ me a story before bed?  
a) write b) right
- The teacher asked the students to \_\_\_\_\_ quietly.  
a) bear b) bare
- The chef decided to \_\_\_\_\_ the soup with a \_\_\_\_\_.  
a) season b) seasoning
- I have a \_\_\_\_\_ to attend at 2 o'clock.  
a) meeting b) eating
- The storm caused a lot of \_\_\_\_\_ to the roof.  
a) ceiling b) sealing
- The comedian's joke was so funny that it made \_\_\_\_\_.  
a) laugh b) half
- The musician played a beautiful \_\_\_\_\_.  
a) piece b) peace
- The dog buried its bone in the \_\_\_\_\_.  
a) ground b) groan



## Subject and Predicates

Underline or circle the subjects in red and underline or circle the predicates in blue.

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1. The snake made a hissing noise.
2. They spilled popcorn on the floor.
3. My dad asked for directions.
4. My mom broke her arm.
5. The audience clapped loudly after the show.
6. The children threw their litter in the trash cans.
7. The large man in front of me blocked my view.
8. My favorite ice cream is on sale at the store.
9. New people moved in next door to me.
10. I met Jan at dance class.



**Q: Rearrange the following questing words to make a sentence.**

✓ / books / loves / brother / reading / his /

.....

✓ / the / found / treasure / they / map / using / a /

.....

✓ / a / new / bought / she / dress / beautiful /

.....

✓ / played / children / happily / the / in / park / the /

.....

✓ / their / the / decorated / for / they / Christmas / tree /

.....

✓ / slept / the / night / through / baby / the /

.....

✓ / a / on / built / sandcastle / they / the / beach /

.....

✓ / finished / work / she / her / before / left /



.....

✓ / to / weekend / looking / forward / I / am /

.....

✓ / the / searching / lost / dog / for / they / are /

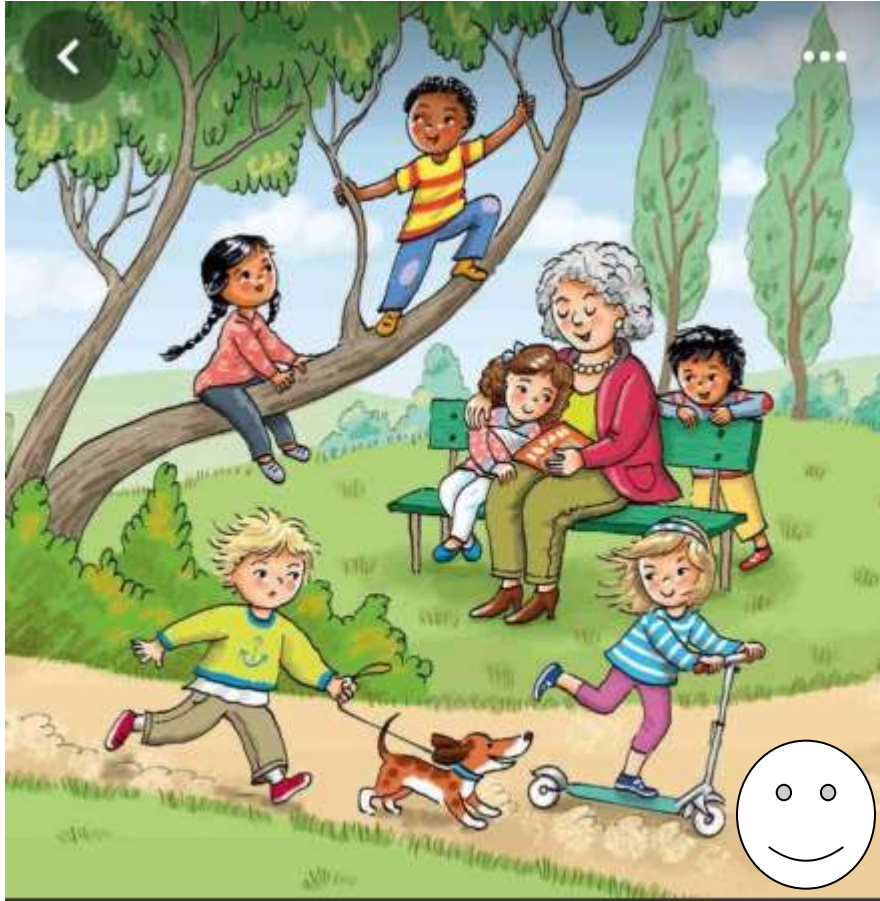
.....





**Picture Description**

Look at the picture and write 10 sentences.



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# COMPUTER



## A. Complete the conversion on Input and Output devices between two friends with the help of box given below:

### Help Box: -

Output, Printer,

information,

Keyboard

Input, Speaker

**Anna:** "Hey, have you ever wondered how our computers actually work?"

**Mona:** "Yeah, sometimes I do! I know there's something about input and output devices, but I'm not entirely sure what they do."

**Anna:** "Well, think about it this way: \_\_\_\_\_ devices are like \_\_\_\_\_ and mouse. They help us to enter the data or \_\_\_\_\_ into the computer."

**Mona:** "Oh, I get it! So, when we type something on the keyboard or move the mouse, that's inputting information into the computer, right?"

**Anna:** "Exactly! And then the computer processes that information and gives us something back, which is where \_\_\_\_\_ devices come in. They're like the computer's way of communicating with us."

**Mona:** "Got it! So, things like the monitor, \_\_\_\_\_ and \_\_\_\_\_ are all output devices because they show or give us something based on what we've inputted into the computer."

**Anna:** "Exactly! It's like a conversation between us and the computer. We give it information through input devices, and it responds to us through output devices."

**Mona:** "Wow, I never thought of it that way before! Thanks for explaining it to me."

**Anna:** "No problem! It's always fun to learn more about how our amazing technology works."

**B. Identify and fill 'Red' colour for an Input device and 'Green' colour for an output device in the box.**



Webcam

Input	Output
-------	--------



Screen

Input	Output
-------	--------




Mouse

Input	Output
-------	--------



Printer

Input	Output
-------	--------



Keyboard

Input	Output
-------	--------



Headphones

Input	Output
-------	--------



Microphone

Input	Output
-------	--------



Speakers

Input	Output
-------	--------



Game console

Input	Output
-------	--------



## Activity Work

- 1) **Roll no. 1 to 10** → Paste the picture of John Napier and write 8 – 10 lines about it on A3 size sheet.
- 2) **Roll no. 11 to 20** → Paste the picture of Charles Babbage and write 8 – 10 lines about it on A3 size sheet.
- 3) **Roll no. 21 to till last R. no.** → Paste the picture of Blaise Pascal and write 8 – 10 lines about it on A3 size sheet.
- 4) Complete the Worksheet 1 (based on chapters 1 and 2) given in the book on page no. 23. Kindly do in the book only.
- 5) Learn the Chapter – 2 full for FA – 2.
- 6) Complete the worksheet that is attached.



प्रश्न 1 :- प्रतिदिन हिंदी पुस्तक में से एक - एक पाठ पढ़ें ।

प्रश्न 2:- ग्रीष्मकालीन अवकाश पर आप कहाँ - कहाँ घूमने गए इस विषय पर चर्चा करते हुए अपने मित्र को एक -पत्र लिखिए।

प्रश्न 3 - नीचे दिए गए अभ्यास कार्य पत्र पूर्ण करें।

प्रश्न1- नीचे लिखे संज्ञा शब्दों को चुनकर वाक्य में उनके सही स्थान पर लगाइए।



- क) नीलम ने आसमान में \_\_\_\_\_ उड़ा दिए ।  
ख) पिताजी बाज़ार से \_\_\_\_\_ लाए हैं ।  
ग) फूल पर \_\_\_\_\_ बैठी है ।  
घ) मोहन का \_\_\_\_\_ बड़ा है ।  
ङ) \_\_\_\_\_ बहुत ही सुंदर पक्षी है ।

प्रश्न2 - निम्नलिखित वाक्यों में सही सर्वनाम चुनकर भरिए ।

- क) काजल के पिता ने \_\_\_\_\_ बुलाया ।  
ख) रवि के घर \_\_\_\_\_ मित्र आए ।  
ग) \_\_\_\_\_ बैठ जाइए ।  
घ) \_\_\_\_\_ पास दो पतंग हैं ।  
ङ) रमेश \_\_\_\_\_ पुस्तक लाया ।

1. क्रिया वाले चित्रों पर निशान (✓) लगाओ -



तोता



रोना



भौकना



झंडा



सेब



बैठना



चलना



उड़ना



भिंडी

नीचे लिखे शब्दों के सही लिंग शब्दों से मिलाएँ।

सही जोड़े बनाओ -

बाघ

माँ

बैल

गधी

गधा

शेरनी

चाचा

चाची

शेर

बाघिनी

पिता

गाय



# विशेषण

नीचे लिखे वाक्यों को उनकी संख्या/मात्रा बताने वाले विशेषण शब्दों से पूरा करें।

1. \_\_\_\_\_ लड़कियाँ हँसने लगीं।

पाँच

2. वह \_\_\_\_\_ दिनों से बीमार है।

सारी

3. रावण के \_\_\_\_\_ सिर थे।

कई

4. हमारी इमारत \_\_\_\_\_ मंजिल की है।

दस

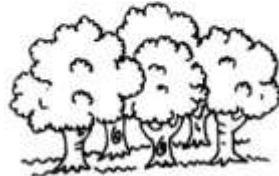
5. हर हाथ में \_\_\_\_\_ उंगलियाँ और  
अंगूठा होता है।

चार, एक



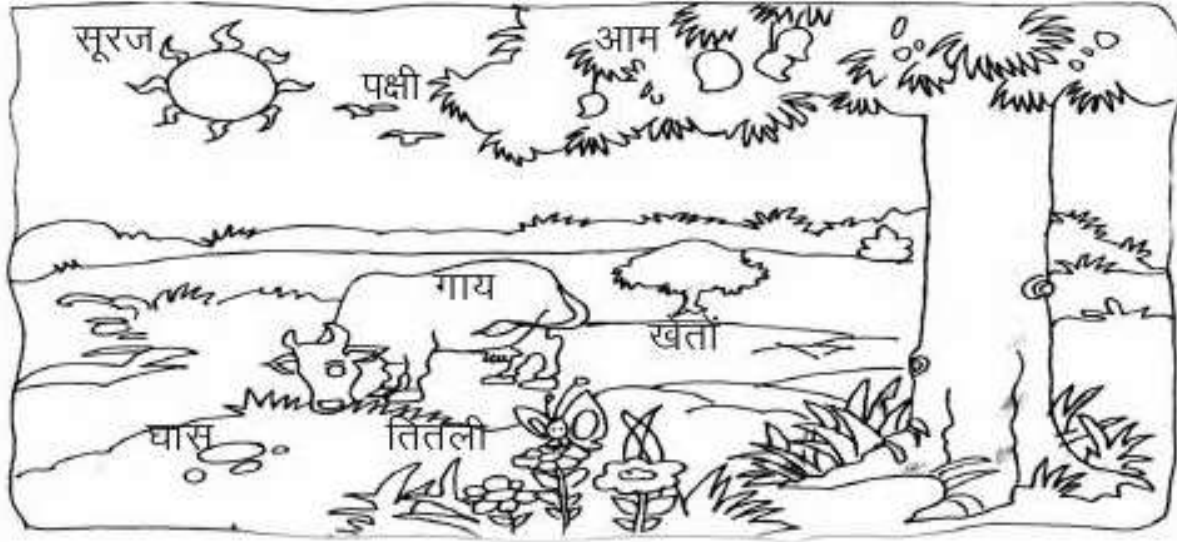
चित्र देखकर उनके उचित पर्यायवाची शब्द छाँटकर उनके नीचे लिखिए -

जंगल    माँ    घर    तरु    वृक्ष    गृह    जननी  
सदन    माता    कानन    वन    पेड़





चित्र और शब्दों को देखकर वाक्य पूरे कीजिए:-



- क) यह चित्र \_\_\_\_\_ का है।
- ख) आसमान में \_\_\_\_\_ चमक रहा है।
- ग) \_\_\_\_\_ घास चर रही है।
- घ) आकाश में \_\_\_\_\_ उड़ रहे हैं।
- ङ) चारों तरफ \_\_\_\_\_ उगी है।
- च) पेड़ पर \_\_\_\_\_ लगे हुए हैं।
- छ) फूलों पर \_\_\_\_\_ बैठी है।

# संज्ञा

चित्रों को पहचान कर वाक्यों में संज्ञा शब्द लिखिए।

..... फलों का राजा है।



मेरा..... बहुत बड़ा है।



मेरे देश का नाम..... है।



यह एक..... है।



यह.....का फूल है।



यह एक लाल..... है।



# MATHEMATICS



1. Learn and write tables from 2 to 20.
2. Revise all syllabus which we have done earlier. (chapter-1, 2, 3)
3. Solve the Maths worksheet given below. (Do this in separate notebook)

## MATHS WORKSHEET

**Q1. Write the Roman numbers of each of the following:**

- a. 1009      b. 256      c. 546      d. 610      e. 486

**Q2. Write in Hindu Arabic numerals:**

- a. MCCLX      b. XXXVI      c. XLVIII      d. LXIV      e. DXIX

**Q3. Arrange the following in ascending order:**

- a. 87453932 ; 7493950; 2738495; 8264634  
b. 2384110; 3948523; 3956308; 2340208

**Q4. Find the Estimated sum( nearest 10 )and the Actual sum:**

- a. 234+ 516      b. 708+ 316      c. 812 + 563      d. 429 + 342

**Q5. Find the product of the following:**

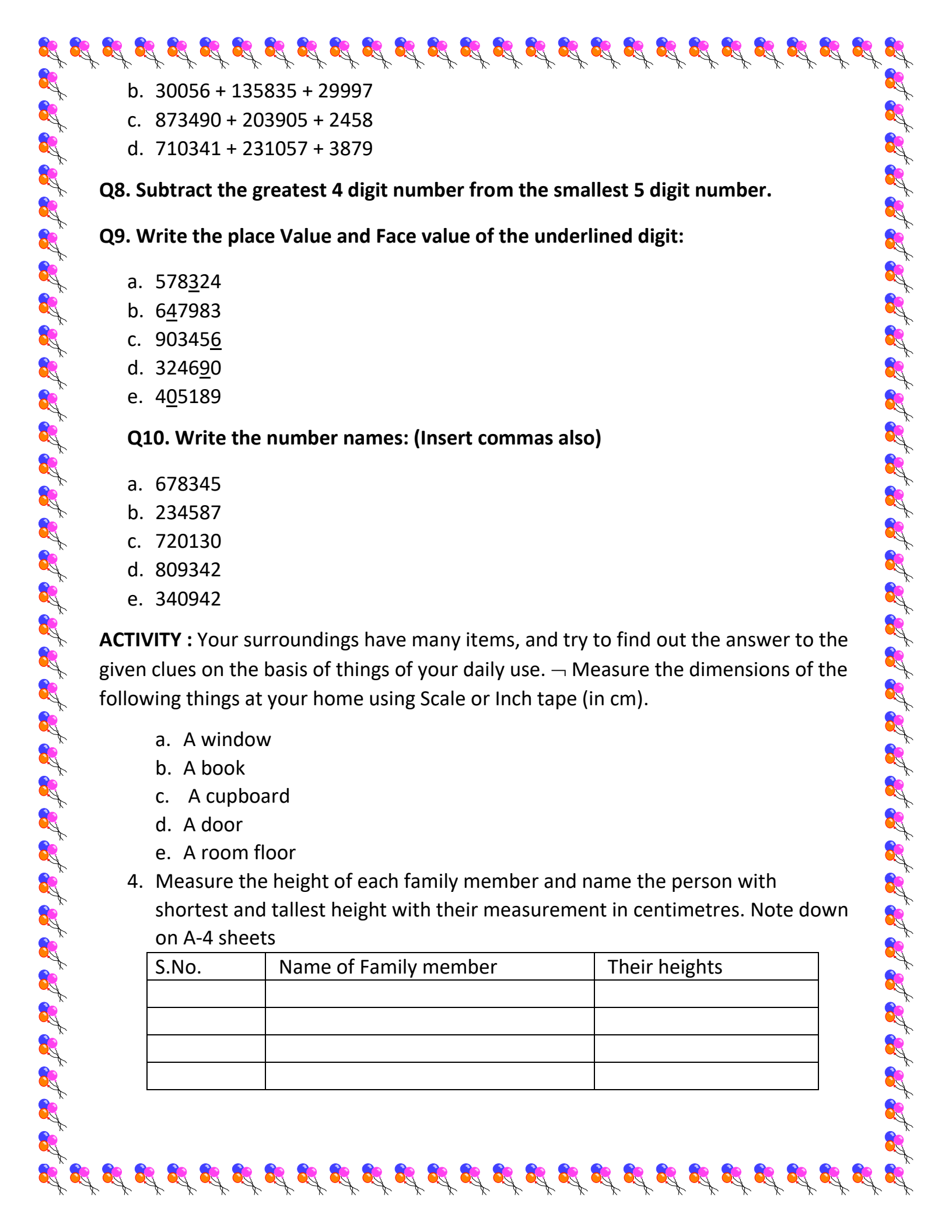
- a. 2145 x8      b. 3973x 5      c. 1762 x 9      d. 6204 x 7      e. 2060x 4

**Q6. Find the difference :**

- a. 294560 from 500000  
b. 9754836 from 63042715  
c. 245876 from 407082  
d. 3752798 from 4537589

**Q7. Add the following Questions:**

- a. 2347865 + 837404 + 2019

- 
- b.  $30056 + 135835 + 29997$   
c.  $873490 + 203905 + 2458$   
d.  $710341 + 231057 + 3879$

**Q8. Subtract the greatest 4 digit number from the smallest 5 digit number.**

**Q9. Write the place Value and Face value of the underlined digit:**

- a. 578324  
b. 647983  
c. 903456  
d. 324690  
e. 405189

**Q10. Write the number names: (Insert commas also)**

- a. 678345  
b. 234587  
c. 720130  
d. 809342  
e. 340942

**ACTIVITY :** Your surroundings have many items, and try to find out the answer to the given clues on the basis of things of your daily use. → Measure the dimensions of the following things at your home using Scale or Inch tape (in cm).

- a. A window  
b. A book  
c. A cupboard  
d. A door  
e. A room floor
4. Measure the height of each family member and name the person with shortest and tallest height with their measurement in centimetres. Note down on A-4 sheets

S.No.	Name of Family member	Their heights