

**ENGLISH-2**

**SEMESTER**

**2**

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# 1. Kind Siddharth

## ANSWERS

### WARM UP

Name this famous person.



Ans. Gautam Buddha

### READ AND UNDERSTAND

A. Tick (✓) the correct answers.

1. Siddharth's cousin was

(a) Devdutt

(b) Brahmbhatt

(c) Veddutt

2. The bird which was wounded was a

(a) duck

(b) swan

(c) peacock

3. The king's name was

(a) Ashoka

(b) Santideva

(c) Shudodhan

B. Write True or False.

1. Siddharth was a kind boy.

True

2. The swan fell near Devdutt.

False

3. Devdutt wanted to have the swan.

True

4. The king gave the swan to Devdutt.

False

C. Answer these questions.

1. What happened when Siddharth was playing in the park?

Ans. A swan fell in front of him.

2. Who applied medicine on the swan's wound?

Ans. Siddharth.

3. Why did Devdutt want to take the swan?

Ans. Because he had shot it.

4. Why did King Shudodhan give the swan to Siddharth?

**Ans.** Because Siddharth had saved the swan's life.

## GRAMMAR IS FUN

**D. Tick (✓) the groups of words that are sentences.**

1. is Mala
2. Mala is dancing.
3. Loved Siddharth animals
4. Siddharth loved animals.
5. My best is friend Ashwin
6. My best friend is Ashwin.
7. Mohan was
8. Mohan was singing.

✓
✓
✓
✓

## SPELL WELL

**E. Circle the correct spellings.**

- |                  |                |                 |          |
|------------------|----------------|-----------------|----------|
| 1. sudenly       | suddenli       | <u>suddenly</u> | suddanly |
| 2. <u>cousin</u> | cousen         | couzin          | coousin  |
| 3. famus         | fames          | <u>famous</u>   | famuz    |
| 4. quarel        | <u>quarrel</u> | quarell         | querel   |
| 5. bruther       | <u>brother</u> | bother          | brudder  |

## WORD POWER

**F. Name these birds.**



Kingfisher



Vulture



Parrot



Pigeon



Sparrow



Eagle



Crow



Penguin

## LET'S LISTEN

**G. Your teacher will read the passage from the listening text or you can listen to it on the Digital Board. Listen to it carefully and answer the questions orally.**



1. What is the full name of Mahatma Gandhi?

**Ans.** Mohandas Karamchand Gandhi.

2. Where was Mahatma Gandhi born?

**Ans.** Porbandar.

3. Where is Gandhiji's samadhi?

**Ans.** Rajghat.

4. Who is called the Father of the Nation?

**Ans.** Mahatma Gandhi.

## WRITE WELL

**K. List five ways in which we can take care of animals.**

1. **Make a proper shelter for them.** \_\_\_\_\_

2. **Give them food and water at proper time.** \_\_\_\_\_

3. **Don't overwork them.** \_\_\_\_\_

4. **Don't beat them.** \_\_\_\_\_

5. **If they are sick, take them to a vet.** \_\_\_\_\_

## ACTIVITY/PROJECT

**L. Paste rubberbands on the feathers of the peacock given below. Also, colour it.**

**Ans.** Do it yourself.



## 1. Whisky Frisky (Poem)

### ANSWERS

#### READ AND UNDERSTAND

##### A. Tick (✓) the correct answers.

1. The poet is talking about a

(a) cat

(b) squirrel

(c) mouse

2. The supper of Whisky Frisky is in the

(a) box

(b) shell

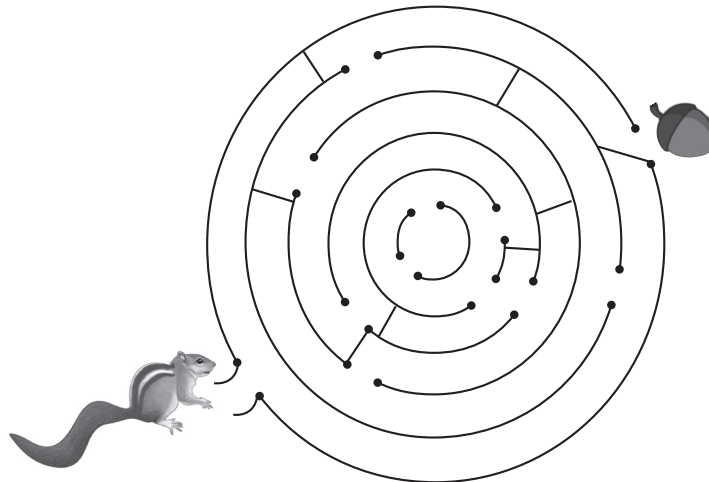
(c) basket

##### B. What is the tail of the squirrel like?

**Ans.** The tail of the squirrel is furly and curly. It is tall as a feather and broad as a sail.

#### ACTIVITY/PROJECT

##### C. Lead the squirrel to its food.



**Ans.** Do it yourself.

## 2. The Littlest Rabbit

### ANSWERS

#### READ AND UNDERSTAND

##### A. Tick (✓) the correct answers.

1. The Littlest Rabbit prayed that he should grow

(a) bigger

(b) richer

(c) thinner

2. All bullies are

(a) brave

(b) cowards

(c) strong

##### B. Write True or False.

1. Other rabbits in the neighbourhood teased Littlest Rabbit.

True

2. Littlest Rabbit was sad when he grew up bigger.

False

3. Littlest Rabbit teased other small rabbits when he grew up.

False

4. Littlest Rabbit was a good rabbit.

True

##### C. Answer these questions.

1. Why was Littlest Rabbit sad?

**Ans.** Littlest Rabbit was sad because he was not growing up fast and other rabbits in the neighbourhood teased him.

2. What did Littlest Rabbit's father say about his victory?

**Ans.** He told Littlest Rabbit that he was proud of him.

3. What did Littlest Rabbit notice when he wandered through the fields?

**Ans.** He noticed that there were many rabbits smaller than him.

#### GRAMMAR IS FUN

##### D. Circle the subject and underline the predicate in the following sentences.

1. Littlest Rabbit was teased by the other rabbits.

2. We wear woollen clothes in winter.

3. Sachin plays cricket.

4. The elephant is a big animal.

#### SPELL WELL

##### E. Fill in the missing letters to form words. You can take help from the Help Box.

1. r a b b i t

2. c a r r o t

3. c r y i n g

4. b e c o m e

5. t e a s e

6. p e t a l

## WORD POWER

**F. Match the words with their opposites.**

<b>Words</b>	<b>Opposites</b>
1. Big	(a) Finish
2. Up	(b) Happy
3. Start	(c) Yes
4. No	(d) Small
5. Sad	(e) Down

## LET'S LISTEN

**G. Your teacher will ask you the names of the houses of some animals from the listening text or you can listen to them on the Digital Board. Listen carefully and answer.**

- |                |                  |                  |
|----------------|------------------|------------------|
| 1. <u>den</u>  | 2. <u>nest</u>   | 3. <u>shed</u>   |
| 4. <u>hole</u> | 5. <u>kennel</u> | 6. <u>stable</u> |

## WRITING WELL

**K. Make sentences with the following words.**

1. Grow \_\_\_\_\_
2. Little \_\_\_\_\_
3. Cry \_\_\_\_\_
4. Happy \_\_\_\_\_

**Ans.** Do it yourself.

## ACTIVITY/PROJECT

**L. Name three food items that help us to grow.**

- |                |                  |                   |
|----------------|------------------|-------------------|
| 1. <u>Milk</u> | 2. <u>Pulses</u> | 3. <u>Cereals</u> |
|----------------|------------------|-------------------|

# 3. The Donkey Who Liked to Sing

## ANSWERS

### WARM UP

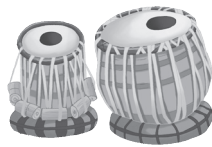
Name these musical instruments.

1.



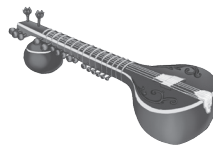
Flute

2.



Tabla

3.



Sitar

4.



Guitar

### READ AND UNDERSTAND

#### A. Tick (✓) the correct answers.

1. Who became a friend of the donkey?

(a) Wolf

(b) Lion

(c) Jackal

2. Who was beaten by the farmer?

(a) Wolf

(b) Jackal

(c) Donkey

3. What did the farmer tie around the donkey's neck?

(a) A rope

(b) A chain

(c) A stone

#### B. Write True or False.

1. The donkey was very happy as he had no friends.

False

2. The donkey and the jackal became good friends.

True

3. The donkey and the jackal ate mangoes.

False

4. The donkey sang a song.

True

5. The farmer was happy to listen to donkey's song.

False

#### C. Answer these questions.

1. Why did the jackal tell the donkey to leave the place quietly?

**Ans.** Because any noise could wake up the farmer.

2. What happened when the donkey sang a song?

**Ans.** The farmer woke up and beat the donkey.

### GRAMMAR IS FUN

#### D. Add 'a' or 'an' to the following words.

1. a book

2. an umbrella



#### 4. Chimpanzee

### WRITING WELL

L. Look at the picture and then fill in the blanks with the help of words in the box.

I am an owl. I cannot see during the daytime but I can see very well at night. People say that I am very wise.

### ACTIVITY/PROJECT

M. Write the first letter of the name of each animal. You will get the name of an animal which helps us.

1.



C

2.



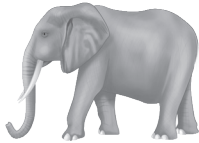
A

3.



M

4.



E

5.



L

CAMEL

## PERIODIC TEST 3

### READING SECTION

A. Tick (✓) the correct answers.

(5)

1. We live on the

(a) earth

(b) moon

2. We all know the earth moves round the

(a) moon

(b) sun

3. Most of the earth is covered with

(a) land

(b) water

4. Only a small part of the earth is

(a) land

(b) water

5. Various kinds of animals, plants and \_\_\_\_\_ live on earth.

(a) trees

(b) human beings

B. Give one or two-word answers to the following questions.

(5)

1. What makes it possible for us to live on earth?

**Ans.** Presence of water, soil, air and sunshine make it possible for us to live on earth.

2. Is there more land or water on the earth?

**Ans.** There is more water than land on the earth.

3. What are the different kinds of life forms found on the earth?

**Ans.** Animals, plants and human beings.

4. What can you say about the size and age of the earth?

**Ans.** Our earth is huge and it is many years old.

5. Which is the highest mountain peak?

**Ans.** Mount Everest.

## WRITING

**C. What is your favourite animal? Write four lines on it. (2)**

1. My favourite animal is the elephant.

2. It is a very big and strong animal.

3. It has a long trunk, two large ears, two small eyes and a short tail.

4. The elephant eats grasses, small plants, bushes, fruit, twigs, tree bark, and roots.

**D. Make sentences of the following words. (3)**

1. Grow \_\_\_\_\_

2. Little \_\_\_\_\_

3. Cry \_\_\_\_\_

4. Happy \_\_\_\_\_

5. Tease \_\_\_\_\_

6. Mane \_\_\_\_\_

**Ans.** Do it yourself.

## GRAMMAR IS FUN

**E. Circle the adjectives. (2)**

1. My pet cat is black.

2. Sunita is an intelligent girl.

3. The sun is very hot.

4. I bought a red pen from the shop.

**F. Circle the verbs in the following sentences. (1)**

1. We ate juicy mangoes.

2. The dog barked at the stranger.

**G. Add 'a' or 'an' to the following words. (1)**



1.   a   book

2.   an   egg

H. Circle the subject and underline the predicate in the following sentences. (1)

1. (We) wear woollen clothes in the winter.

2. (Sachin) plays cricket.

## LITERATURE

I. Answer the following questions. (10)

1. Name any three gifts that Rohan received.

**Ans.** Books, T-shirt and skates.

2. Why did Devdutt want to take the swan?

**Ans.** Devdutt wanted to take the swan because he had shot it.

3. Why was Littlest Rabbit sad?

**Ans.** Littlest Rabbit was sad because he was not growing up fast and other rabbits in the neighbourhood teased him.

4. Why did the jackal tell the donkey to leave the place quietly?

**Ans.** The jackal told the donkey to leave the place quietly because and noise would wake up the farmer.

5. What did the teacher tell the children when they reached the circus?

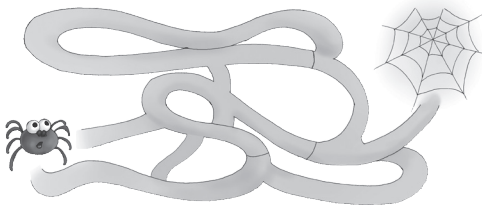
**Ans.** The teacher told the children to stay together. She told the older boys to take care of the younger ones.

# 4. King Bruce and the Spider

## ANSWERS

### WARM UP

Lead the spider to the web.



**Ans.** Do it yourself.

### READ AND UNDERSTAND

#### A. Tick (✓) the correct answers.

1. Robert Bruce was the king of

(a) Scotland

(b) Ireland

(c) England

2. King Bruce saw a \_\_\_\_\_ in the cave.

(a) housefly

(b) spider

(c) lizard

#### B. Write True or False.

1. Robert Bruce was a brave king.

True

2. King Bruce hid in a house.

False

3. The spider stopped spinning its web after the sixth time.

False

4. King Bruce won the war the seventh time.

True

#### C. Answer these questions.

1. Who fought the war with King Bruce?

**Ans.** The king of England.

2. Where did King Bruce hide?

**Ans.** In a cave.

3. What was the spider trying to do?

**Ans.** It was trying to reach the other end of the cave.

4. How many times did the spider fall?

**Ans.** Six times.

5. What lesson did King Bruce learn from the spider?

**Ans.** He learnt the lesson that one should try again and again in order to succeed.

## GRAMMAR IS FUN

### D. Fill in the blanks using 'and', 'or', 'but'.

- Roses and tulips are beautiful.
- Delhi and Kolkata are big cities.
- Ice is cold but tea is hot.
- Please give me a red or black shirt.
- The apples are sweet but the grapes are sour.

## SPELL WELL

### E. Tick (✓) the right spellings.

- |              |           |          |            |
|--------------|-----------|----------|------------|
| 1. defeeted  | defeated✓ | difeated | defeted    |
| 2. speder    | spyder    | spider✓  | speeder    |
| 3. thread✓   | threed    | tred     | therad     |
| 4. surprized | serprised | surpised | surprised✓ |
| 5. Tougt     | taute     | taught✓  | teught     |

## WORD POWER

### F. Circle the names of the insects given in the grid.

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

## LET'S LISTEN

### G. Your teacher will read the poem from the listening text or you can listen to it on the Digital Board. Listen to it carefully and answer these questions orally.

- What is the name of the spider?

**Ans.** Incy Wincy.

- What washed Incy Wincy spider out?

**Ans.** Rain.

3. What dried up the rain?

**Ans.** Sunshine.

### WRITE WELL

**K. Solve the following riddles.**

1. I make honey. Who am I? Honeybee

2. I spread diseases by sitting on food. Who am I? Housefly

### ACTIVITY/PROJECT

**L. Dip a cut lady's finger into poster colour. With its help, make designs on the girl's frock.**



**Ans.** Do it yourself.

# 5. Humpty Dumpty

## ANSWERS

### WARM UP

- ▶ Which is your favourite nursery rhyme? Recite it to your partner.
- ▶ Do you know the rhyme, 'Humpty Dumpty sat on a wall' ....?

Recite in the class in groups of ten and enjoy. One of the students in each group can act like Humpty Dumpty. Have fun! Clap for your classmates when they recite it.

**Ans.** Do it yourself.

### READ AND UNDERSTAND

#### A. Tick (✓) the correct answers.

1. The egg was

(a) just a toy

(b) real

(c) very tiny

(d) Humpty Dumpty himself

2. Humpty Dumpty said that some people have no more sense than a

(a) baby

(b) scientist

(c) grown-up person

(d) teenager

3. Alice complimented Humpty Dumpty on his

(a) shoes

(b) cravat

(c) dress

(d) belt

#### B. Write True or False.

1. Alice stood very far from the egg.

False

2. Humpty Dumpty said that a name must mean something.

True

3. Alice thought that un-birthday presents were better than birthday presents.

False

4. Humpty Dumpty spoke very politely to Alice and said 'goodbye'.

False

#### C. Answer these questions.

1. According to Humpty Dumpty, what did his name mean?

**Ans.** Humpty Dumpty said that his name meant his shape.

2. What had the King promised to Humpty Dumpty?

**Ans.** The King had promised to send all his horses and all his men.

3. What did Alice think about un-birthday presents? Why did Humpty Dumpty disagree with her?

**Ans.** Alice thought un-birthday presents were not as nice as birthday presents. Humpty disagreed because you can get un-birthday presents for 364 days in a year, whereas you get a birthday present only once a year.

**4. Answer with reference to the context.**

Read the following sentence and answer the questions that follow.

“Don’t you think you’d be safer down on the ground?”

**Q.** (a) Who said this and to whom?

**Ans.** (a) Alice said this to Humpty Dumpty.

**Q.** (b) Why would he be safer on the ground?

**Ans.** (b) He would be safer on the ground because the wall was very narrow.

**Q.** (c) Did he come down to the ground immediately after these words were spoken? What happened a little later?

**Ans.** (c) No, he did not come down. He talked till Alice left and then Alice heard a crash. Humpty had fallen off the wall and cracked.

## GRAMMAR IS FUN

**D. Fill in the blanks with suitable words from the Help Box.**

1. The bird is singing sweetly
2. Neeta is writing neatly
3. Rohan is speaking loudly
4. The old man is walking slowly
5. She read the book quietly

## SPELL WELL

**E. Rewrite the given words after adding ‘-ing’ at the end.**

- |         |   |               |           |   |                 |
|---------|---|---------------|-----------|---|-----------------|
| 1. make | → | <u>making</u> | 2. change | → | <u>changing</u> |
| 3. love | → | <u>loving</u> | 4. shave  | → | <u>shaving</u>  |
| 5. bake | → | <u>baking</u> | 6. shake  | → | <u>shaking</u>  |
| 7. ride | → | <u>riding</u> | 8. shine  | → | <u>shining</u>  |

## WORD POWER

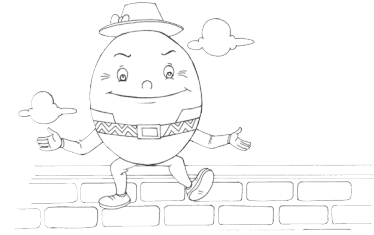
**F. Add suitable suffixes ‘-able’, ‘-ful’ or ‘-less’ and form new words with the words given below.**

- |           |                             |          |                         |
|-----------|-----------------------------|----------|-------------------------|
| 1. enjoy  | <u>enjoyable</u>            | 2. harm  | <u>harmful/harmless</u> |
| 3. motion | <u>motionless</u>           | 4. care  | <u>careful/careless</u> |
| 5. fear   | <u>fearful/fearless</u>     | 6. break | <u>breakable</u>        |
| 7. colour | <u>colourful/colourless</u> | 8. wish  | <u>wishful</u>          |

## LET'S LISTEN

- G. Listen to the instructions given in the listening text or you can listen to them on the Digital Board. After listening to the instructions, colour the picture of Humpty Dumpty using crayons or colour pencils.

This can be done by the students on their own.



## WRITING WELL

- K. Imagine that Humpty Dumpty visited your class one day. Describe what he looked like. Also, mention what he said about birthday and un-birthday presents. How did the children in your class react to him? Take clues from the story in this unit, and write a paragraph consisting of 8-10 sentences. You may begin the paragraph by writing:

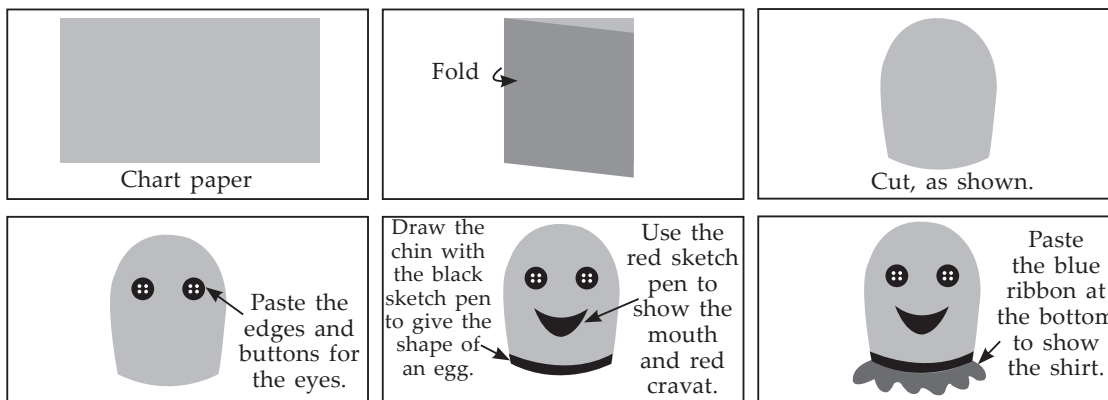
Humpty Dumpty came to our class, one day. We were astonished to see an egg-shaped little man, who had eyes and ears and a nose, and could talk and had little arms and legs! He wore a red shirt and blue trousers and a bright yellow cravat! He said, 'Hello, I'm Humpty Dumpty!' We all wished him and wanted to talk to him. He sat down in the teacher's chair and looked at us. "Do you know what my name means?" he asked. One of the girls giggled and said, "Round and wobbly?" Humpty didn't like that. "It describes my beautiful shape!" he announced. "You are all higgledy-piggledy and have no shape at all. I am celebrating my un-birthday today. Have you any presents for me?" "What's an un-birthday?" asked one of the boys. "We celebrate birthdays!" "How boring!" said Humpty. "You get only one day to celebrate in a year? I'm going!" he announced and walked out of the class, as we all burst into laughter.

## ACTIVITY PROJECT

- L. Let us make a Humpty Dumpty finger puppet.

1. A small piece of white chart paper
2. Black and red sketch pens
3. 2 black buttons (small)
4. Blue satin ribbon (thin)
5. A pair of scissors

Follow the instructions and your finger puppet is ready.



Ans. Do it yourself.

## 5. The Song of the Engine (Poem)

### ANSWERS

#### READ AND UNDERSTAND

##### **A. Answer these questions.**

1. What did the engine sing when it went up a hill?

**Ans.** The engine sang the song “I think I can, I think I can” when it went up a hill.

2. What did the engine sing when it came down the hill?

**Ans.** The engine sang “I thought I could, I thought I could!” when it came down the hill.

##### **B. Make sentences with the following words.**

1. travel \_\_\_\_\_

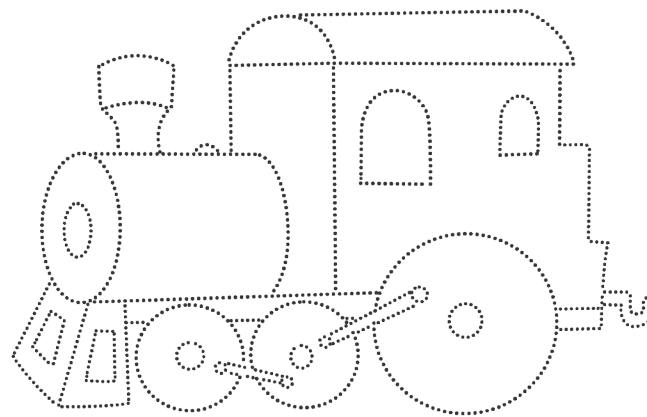
2. engine \_\_\_\_\_

3. journey \_\_\_\_\_

**Ans.** Do it yourself.

#### ACTIVITY/PROJECT

##### **C. Join the dots and complete the picture. Then colour it.**



**Ans.** Do it yourself.

### LIFE SKILLS 2

**A. You have gone to the circus along with other schoolchildren. By chance, you get lost at the circus. What will you do? Tick (✓) the correct options. You will**

1. start crying.



2. start looking for your teacher.
3. run around looking for your classmates.
4. go to the circus manager and tell him that you are lost.

**B. You go to a shop and buy something. The shopkeeper, while returning money, gives you an extra 50-rupee note. What will you do? Tick (✓) the correct option. You will**

1. put the money in your pocket and go home.
2. tell the shopkeeper that he has given you extra money.

## MODEL TEST PAPER

### READING SECTION

**A. Tick (✓) the correct answers. (5)**

1. The Sunderbans is the largest forest in  
 (a) America  (b) India
2. The word 'Sunderbans' means a  
 (a) beautiful park  (b) beautiful forest
3. The Sunderbans is home to the  
 (a) Royal Bengal tigers  (b) White elephants
4. The Sunderbans has a thick growth of  
 (a) mango trees  (b) mangrove trees
5. \_\_\_\_\_ often attack humans who enter the forest.  
 (a) Tigers  (b) Elephants

**B. Pick out the correct words from the brackets. (5)**

1. The Sunderbans cover a part of India and **Bangladesh**. (Bangladesh/China)
2. Besides the Royal Bengal tiger, other animals found in the Sunderbans include birds, spotted deer, crocodiles, monkeys and **snakes**. (insects/snakes)
3. Around 30–100 people are killed by **tigers** every year. (tigers/leopards)
4. Many trees have been cut in the Sunderbans for **wood**. (fruit/wood)
5. We need to **protect** the forest. (protect/destroy)

### WRITING

**C. Make sentences with the following words. (10)**

1. acrobat: \_\_\_\_\_
2. gift: \_\_\_\_\_
3. swan: \_\_\_\_\_

4. jungle: \_\_\_\_\_  
5. petal: \_\_\_\_\_

**Ans.** Do it yourself.

- D. Write five ways in which you can take care of animals. (5)**
1. Make a proper shelter for them.
  2. Give them food and water at proper times.
  3. Don't overwork them.
  4. Don't beat them.
  5. Take them to a vet when they are sick.

## GRAMMAR IS FUN

- E. Select the right verbs from the box and complete these sentences. (5)**
1. I study in the evening every day.
  2. The cat ran after the mouse.
  3. The frog jumped into the pond.
  4. The bird flew away.
  5. Fish swim in the river.
- F. Write a special name for each of these common names. (3)**
1. a river The Ganga
  2. a city Kolkata
  3. a month January
- G. Fill in the blanks with the correct prepositions from the brackets. (2)**
1. I go to school on foot. (at/in/to)
  2. There are seven days in a week. (of/to/in)
  3. Mohit was jumping on the table. (in/of/on)
  4. The cat slept under the tree (under/on/in)
- H. Underline the adverbs in the following sentences. (3)**
1. Neeta is writing neatly.
  2. Rohan is speaking softly.
  3. The old man is walking slowly.
  4. He quietly left the room.
  5. The doctor quickly gave medicine to the patient.
  6. The sun shone brightly.
- I. Fill in the blanks with the correct joining words from the brackets. (2)**
1. We saw Mohit and Rakesh in the library. (or/and)

2. Is your bag brown or black? (or/but)
3. I can take a bus but I prefer to walk. (but/and)
4. I like to have milk and cookies. (or/and)

## LITERATURE

### J. Answer the following questions.

(10)

1. Did Rohan and Vani enjoy the circus?

**Ans.** Yes they did. They were very happy.

2. According to Humpty Dumpty, what does his name mean?

**Ans.** According to Humpty Dumpty, his name meant the shape he had.

3. How did King Paari water the plant?

**Ans.** Lifting the plant gently, the king placed it on the chariot. Then he took off his crown. He filled it with water from a nearby stream and watered the plant.

4. What lesson did King Bruce learn from the spider?

**Ans.** From the spider, King Bruce learnt never to give up and try again and again till he succeeded.

5. What happened when the donkey sang a song?

**Ans.** The farmer woke up. He beat the donkey and tied a stone around his neck.

## GRAMMAR WORKSHEET

### GRAMMAR WORKSHEET I

#### Sentences

#### A. Rewrite these groups of words as sentences.

1. has Mary little a lamb.

**Mary has a little lamb.**

2. capital is Delhi of the India.

**Delhi is the capital of India.**

3. Rani Meera and friends good are

**Rani and Meera are good friends.**

4. puppy dog grows a into a

**A puppy grows into a dog.**

5. makes two one plus three

**Two plus one makes three.**

6. is blue the sky  
**The sky is blue.**

---

7. plays Mini a doll with  
**Mini plays with a doll.**

---

8. live birds in nests  
**Birds live in nests.**

---

9. very big is our school  
**Our school is very big.**

---

10. saw I a circus at clown the  
**I saw a clown at the circus.**

---

**B. Match the columns to complete the sentences.**

- | Column A            | Column B                              |
|---------------------|---------------------------------------|
| 1. The camel        | (a) lives in a palace.                |
| 2. The peacock      | (b) healthy food.                     |
| 3. The rainbow      | (c) has seven colours.                |
| 4. The king         | (d) dances beautifully.               |
| 5. Our school       | (e) is called the ship of the desert. |
| 6. Birds lay eggs   | (f) in their nests.                   |
| 7. The crow         | (g) is black.                         |
| 8. I brush my teeth | (h) are on the table.                 |
| 9. We should eat    | (i) twice a day.                      |
| 10. The books       | (j) has a yellow bus.                 |

## GRAMMAR WORKSHEET 2

### Subject and Predicate

**A. Circle the subject and underline the predicate in the following sentences.**

1. (I) have many toys at home.
2. (My Uncle) is a doctor.
3. (Our home) has a small lawn.
4. (We) have a banyan tree in school.
5. (The boy) played well.
6. (The girl) is drinking milk.
7. (The cow) eats grass.
8. (Rohan) is eating an ice cream.
9. (Jack and Jill) went up the hill.

10. The Earth moves round the sun.

**B. Read the following sentences. Write 'S' if the underlined words are the subject and 'P' if they are the subject of the sentence.**

- |   |                          |
|---|--------------------------|
| 1. The teacher <u>is writing</u> on the board.          | <u>        P        </u> |
| 2. <u>Grapes</u> grow on vines.                         | <u>        S        </u> |
| 3. <u>I</u> went to the zoo on Sunday.                  | <u>        S        </u> |
| 4. Seema and Ruhi <u>are</u> sisters.                   | <u>        P        </u> |
| 5. <u>The monkey</u> climbed the mango tree.            | <u>        S        </u> |
| 6. <u>It</u> is raining outside since morning.          | <u>        S        </u> |
| 7. <u>The thief</u> was caught by the neighbours.       | <u>        S        </u> |
| 8. <u>I</u> have to study for my class test.            | <u>        P        </u> |
| 9. <u>Children</u> like to watch cartoons after school. | <u>        S        </u> |
| 10. Tomorrow <u>is</u> a holiday.                       | <u>        P        </u> |

### GRAMMAR WORKSHEET 3

#### Articles

**A. Write 'a' or 'an' before each word.**

- |                            |                              |
|----------------------------|------------------------------|
| 1. <u>    a    </u> ship   | 2. <u>    an   </u> ice cube |
| 3. <u>    a    </u> toy    | 4. <u>    an   </u> egg      |
| 5. <u>    an   </u> eraser | 6. <u>    a    </u> ship     |
| 7. <u>    a    </u> table  | 8. <u>    an   </u> umbrella |
| 9. <u>    a    </u> cow    | 10. <u>   an   </u> apple    |
| 11. <u>   an   </u> ant    | 12. <u>    a    </u> pencil  |
| 13. <u>    a    </u> book  | 14. <u>    a    </u> pen     |
| 15. <u>   an   </u> inkpot | 16. <u>   an   </u> enemy    |

**B. Write 'a', 'an' or 'the' to complete these sentences.**

- I like to eat    an    ice cream after dinner.
- An    owl is a wise bird.
- A     little girl was playing near my house.
- The Earth is round like    an    orange.
- I ate    an    egg in the morning.
- The   Earth is round in shape.
- A cat is    a     pet animal.
- Please give me    an    apple and    a     pineapple.
- Mother gave Pihu    a     piece of cake.

10. I drank   a   glass of milk.  
11. We can see   the   moon at night.

## GRAMMAR WORKSHEET 4

### Conjunctions

#### A. Fill in the blanks with 'and', 'or', 'but'.

1. Ice is cold   but   tea is hot.
2. Rohan   and   Mohan went to the market.
3. The teacher   and   children are in the ground.
4. I will go to the market by bus   or   car.
5. Is the Red Fort in Delhi   or   Kolkata?
6. Mini's uncle   and   aunt work in a hospital.
7. She is slow   but   she is careful.
8. Is Tom reading   or   writing?
9. I fell off the horse   but   I was not hurt.
10. You can either go for a swim   or   play with your friends.

#### B. Tick (✓) the correct conjunction to complete the following sentences.

1. The bus stopped (and✓/but/or) the man got off.
2. We stayed at home (but/or/and✓) watched a movie.
3. Sameera was looking for her book (or/and/but✓) she could not find it.
4. Is the colour of your bag red (and/but/or✓) blue?
5. We can go by bus (and/or✓/but) we can walk.
6. The children went to the park (and✓/or/but) played football.
7. She can come with us (or✓/and/but) she can stay home.
8. There are two oranges (and/but✓/or) he wants an apple.

#### C. Join the following sentences with conjunctions given in brackets. The first one has been done for you as an example.

1. Meena went to the stationery shop. She bought a pencil box. (and)  
**Meena went to the stationery shop, and she bought a pencil box.**
2. Mother drank a cup of tea. She had a bad cold. (because)  
**Mother drank a cup of tea because she had a bad cold.**
3. Dipti went to the teacher. She gave her a rose. (and)  
**Dipti went to the teacher and gave her a rose.**
4. I remembered my friend's address. I forgot her telephone number. (but)  
**I remembered my friend's address but I forgot her telephone number.**
5. She will write with a blue pen. She will write with a pencil. (or)

She will write with a blue pen or she will write with a pencil.

6. Radhika was about to miss her school bus. She left in a hurry. (so)

Radhika was about to miss her school bus so she left in a hurry.

## GRAMMAR WORKSHEET 5

### Adverbs

**A. Rearrange the letters in the brackets to make adverbs. Fill in the blanks with the adverbs you have made.**

1. Sheela ran quickly to the hospital. (yikqcul)
2. The old man climbed the stairs slowly. (llysw)
3. Sania played cleverly. (llevercy)
4. Uma wrote neatly. (eanylt)
5. I have already finished my homework. (arydlae)
6. Rahul played the guitar beautifully. (lfaybueltiu)
7. The dog sat lazily in the shade of the tree (alyziyl)
8. Please wait patiently. (tinytlpae)
9. It is very hot today. (yvre)
10. He sang happily. (pilphay)

**B. Make adverbs from the adjectives given in the brackets.**

1. Rahul ran swiftly. (swift)
2. Garima spoke softly. (soft)
3. The baby was crying loudly. (loud)
4. The sun is shining brightly. (bright)
5. The lion roared loudly. (loud)
6. Rohan solved the puzzle easily. (easy)
7. The rabbit ran quickly. (quick)
8. Avni sang sweetly. (sweet)
9. The soldiers fought bravely. (brave)
10. The sun shone brightly. (bright)

**C. Read the following passage and underline the adverbs.**

The play, 'The Secret Map', was presented on stage yesterday. The actors played the characters beautifully. A group of singers sang melodiously when the play got over. The audience clapped loudly. I thoroughly enjoyed the play. I was also present there. I found it very interesting. I often watch plays with my family.

**D. The sentences given below follow a chain of events. Fill in the blanks with adverbs given in the box.**

1. Minal quickly made some lemonade for guests.
2. She poured it slowly into the glasses because she did not want to spill any of it.

3. She arranged the glasses neatly on a tray.
4. Minal carried the tray carefully to the living room.
5. She offered them lemonade courteously and they enjoyed it.



**MATHEMATICS-2**

**SEMESTER**

**2**

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# 1. Shapes

## ANSWERS

### LET US RECALL

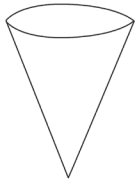
Match the objects with their shapes.



### EXERCISE 1.1

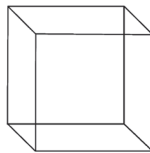
A. Write the names of the following shapes.

1.



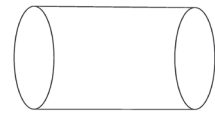
A cone

2.



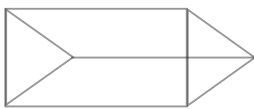
A cube

3.



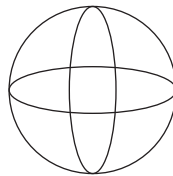
A cylinder

4.



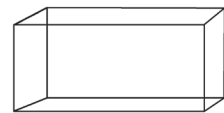
A prism

5.



A sphere

6.



A cuboid

B. Tick (✓) the name of the shape that the given object shows.

1.



Sphere   
 Cuboid   
 Cylinder

2.



Cylinder   
 Cone   
 Prism

3.



Cube   
 Sphere   
 Cylinder

4.



Cone   
 Cube   
 Prism



- Cylinder   
 Cone   
 Prism



- Cube   
 Cuboid   
 Sphere

**C. Write the correct number in the boxes.**

- A cuboid has  flat faces,  corners and  edges.
- A cone has  flat face,  curved face,  edge and  corner.
- A sphere has  curved face and  corner or edge.
- A cylinder has  flat faces,  curved face,  edges and  corner.
- A prism has  faces,  edges and  corners.

**EXERCISE 1.2**

**A. Draw a line to match the thing with its shadow.**

1. 2. 3. 4. (a) (b) (c) (d) Lines connect 1 to (a), 2 to (d), 3 to (c), and 4 to (b).

**B. Join the fish with its shadow.**

1. 2. 3. 4. (a) (b) (c) (d) Lines connect 1 to (a), 2 to (d), 3 to (b), and 4 to (c).

C. Identify the shadows and write the names of objects using the Help Box.

Lamp key open book spoon bell



1. Lamp



2. Bell



3. Key



4. Spoon



5. Open book

**MENTAL TEST**

Which shape will you see when you put these objects one over the other?



10 coins?

Cylinder

Cuboid

Cone



8 biscuits?

Cube

Cuboid

Sphere

**EXERCISE 1.3**

A. Name the shapes of objects.



Square



Rectangle



Circle



Triangle

B. Name the plane shape that has:

1. Only one edge and no corner.
2. Four corners and equal pair of opposite sides.
3. Four equal sides.
4. One round edge but no circle.
5. Three sides and three corners.

Circle

Rectangle

Square

Oval

Triangle

**PUZZLE**

Today, Runo (a rabbit) has been asked to colour the shapes in his classwork.

He has been asked to colour the shapes according to this instruction.

**Instruction:** Count the number of shapes and colour red if the answer is 3, green if 4, yellow if 5 and blue if 6.

Can you help Runo?



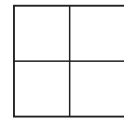
Help me!  
I am confused.



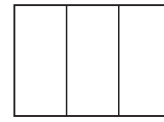
Number of circles is 3.



Number of triangles is 5.



Number of squares is 5.



Number of rectangles is 6.

## 2. Multiplication

### ANSWERS

#### LET US RECALL

##### A. Fill in the boxes.

1.  $1 \times 1 = \boxed{1}$

2.  $3 \times 2 = \boxed{6}$

3.  $5 \times 3 = \boxed{15}$

4.  $6 \times 4 = \boxed{24}$

5.  $1 \times 5 = \boxed{5}$

6.  $8 \times 1 = \boxed{8}$

7.  $9 \times 3 = \boxed{27}$

8.  $3 \times 4 = \boxed{12}$

9.  $10 \times 2 = \boxed{20}$

##### B. Fill in the boxes.

1.  $1 + 1 + 1 + 1 + 1 + 1 = \boxed{6} \times 1$

2.  $1 + 1 + 1 = 3 \times \boxed{1}$

3.  $2 + 2 + 2 + 2 + 2 = 5 \times \boxed{2}$

4.  $3 + 3 = 2 \times \boxed{3}$

5.  $4 + 4 + 4 + 4 = \boxed{4} \times 4$

##### C. Fill in the boxes.

1.  $4 \times 1 = \boxed{1} + \boxed{1} + \boxed{1} + \boxed{1}$

2.  $5 \times 2 = \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2} + \boxed{2}$

3.  $3 \times 5 = \boxed{5} + \boxed{5} + \boxed{5}$

4.  $4 + 4 + 4 + 4 + 4 + 4 + 4 = \boxed{7} \times \boxed{4}$

5.  $2 + 2 + 2 + 2 + 2 + 2 + 2 = \boxed{7} \times \boxed{2}$

##### D. Multiply:

1. 
$$\begin{array}{r} 4 \ 2 \\ \times \ 2 \\ \hline 8 \ 4 \end{array}$$

2. 
$$\begin{array}{r} 3 \ 1 \\ \times \ 3 \\ \hline 9 \ 3 \end{array}$$

3. 
$$\begin{array}{r} 2 \ 4 \\ \times \ 4 \\ \hline 9 \ 6 \end{array}$$

4. 
$$\begin{array}{r} 1 \ 7 \\ \times \ 5 \\ \hline 8 \ 5 \end{array}$$

##### E. Multiplication stories:

1. Each packet has 23 pens. How many pens will 2 such packets have?



Ans. 46 pens

$$\begin{array}{r} 2 \ 3 \\ \times \ 2 \\ \hline 4 \ 6 \end{array}$$

1. Each bag has 17 brushes. How many brushes will 5 such bags have?



$$\begin{array}{r} 17 \\ \times 5 \\ \hline 85 \end{array}$$

Ans. 85 brushes

### EXERCISE 2.1

#### A. Fill in the boxes.

1.  $6 + 6 + 6 + 6 + 6 + 6 + 6 = \boxed{7} \times 6$

2.  $7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 = \boxed{10} \times 7$

3.  $8 + 8 + 8 + 8 + 8 + 8 + 8 = \boxed{7} \times 8$

4.  $9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 = \boxed{8} \times 9$

5.  $10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = \boxed{9} \times 10$

#### B. Fill in the boxes.

1.  $6 + 6 + 6 + 6 + 6 + 6 + 6 = 7 \times \boxed{6}$

2.  $7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 = 10 \times \boxed{7}$

3.  $8 + 8 + 8 + 8 + 8 + 8 = 6 \times \boxed{8}$

4.  $9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 = 8 \times \boxed{9}$

5.  $10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 + 10 = 9 \times \boxed{10}$

#### C. Fill in the boxes.

1.  $5 \times 6 = \boxed{6} + \boxed{6} + \boxed{6} + \boxed{6} + \boxed{6}$

2.  $4 \times 7 = \boxed{7} + \boxed{7} + \boxed{7} + \boxed{7}$

3.  $10 \times 8 = \boxed{8} + \boxed{8} + \boxed{8} + \boxed{8} + \boxed{8} + \boxed{8} + \boxed{8} + \boxed{8} + \boxed{8} + \boxed{8}$

4.  $6 \times 9 = \boxed{9} + \boxed{9} + \boxed{9} + \boxed{9} + \boxed{9} + \boxed{9}$

5.  $5 \times 10 = \boxed{10} + \boxed{10} + \boxed{10} + \boxed{10} + \boxed{10}$

#### D. Fill in the boxes.

1.  $6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6 = \boxed{10} \times \boxed{6}$

2.  $7 + 7 + 7 + 7 + 7 + 7 + 7 + 7 = \boxed{8} \times \boxed{7}$

3.  $8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 = \boxed{9} \times \boxed{8}$



$$4. 9 + 9 + 9 + 9 + 9 + 9 + 9 + 9 = \boxed{8} \times \boxed{9}$$

$$5. 10 + 10 + 10 + 10 + 10 + 10 + 10 = \boxed{7} \times \boxed{10}$$

E. Fill in the blanks.

**Dodging tables**

$$2 \times 8 = \underline{16}$$

$$7 \times 8 = \underline{56}$$

$$3 \times 6 = \underline{18}$$

$$8 \times 6 = \underline{48}$$

$$9 \times 7 = \underline{63}$$

$$6 \times 7 = \underline{42}$$

$$7 \times 7 = \underline{49}$$

$$2 \times 6 = \underline{12}$$

$$2 \times 7 = \underline{14}$$

$$9 \times 10 = \underline{90}$$

$$3 \times 8 = \underline{24}$$

$$10 \times 7 = \underline{70}$$

**EXERCISE 2.2**

Multiply:

$$1. \begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array}$$

$$2. \begin{array}{r} 11 \\ \times 7 \\ \hline 77 \end{array}$$

$$3. \begin{array}{r} 11 \\ \times 8 \\ \hline 88 \end{array}$$

$$4. \begin{array}{r} 10 \\ \times 9 \\ \hline 90 \end{array}$$

$$5. \begin{array}{r} 11 \\ \times 9 \\ \hline 99 \end{array}$$

$$6. \begin{array}{r} 100 \\ \times 6 \\ \hline 600 \end{array}$$

$$7. \begin{array}{r} 110 \\ \times 6 \\ \hline 660 \end{array}$$

$$8. \begin{array}{r} 111 \\ \times 6 \\ \hline 666 \end{array}$$

$$9. \begin{array}{r} 110 \\ \times 7 \\ \hline 770 \end{array}$$

$$10. \begin{array}{r} 101 \\ \times 7 \\ \hline 707 \end{array}$$

$$11. \begin{array}{r} 101 \\ \times 8 \\ \hline 808 \end{array}$$

$$12. \begin{array}{r} 110 \\ \times 8 \\ \hline 880 \end{array}$$

$$13. \begin{array}{r} 111 \\ \times 8 \\ \hline 888 \end{array}$$

$$14. \begin{array}{r} 110 \\ \times 9 \\ \hline 990 \end{array}$$

$$15. \begin{array}{r} 111 \\ \times 9 \\ \hline 999 \end{array}$$

**EXERCISE 2.3**

Multiply:

$$1. \begin{array}{r} 325 \\ \times 6 \\ \hline 150 \end{array}$$

$$2. \begin{array}{r} 437 \\ \times 7 \\ \hline 259 \end{array}$$

$$3. \begin{array}{r} 142 \\ \times 8 \\ \hline 336 \end{array}$$

$$4. \begin{array}{r} 253 \\ \times 9 \\ \hline 477 \end{array}$$

$$5. \begin{array}{r} 162 \\ \times 9 \\ \hline 558 \end{array}$$

$$6. \begin{array}{r} 13125 \\ \times 6 \\ \hline 750 \end{array}$$

$$7. \begin{array}{r} 21142 \\ \times 6 \\ \hline 852 \end{array}$$

$$8. \begin{array}{r} 31162 \\ \times 6 \\ \hline 972 \end{array}$$

$$9. \begin{array}{r} 6109 \\ \times 7 \\ \hline 763 \end{array}$$

$$10. \begin{array}{r} 14127 \\ \times 7 \\ \hline 889 \end{array}$$

$$\begin{array}{r} 11. \quad 2 \ 1 \\ 1 \ 4 \ 2 \\ \times \quad 7 \\ \hline 9 \ 9 \ 4 \end{array}$$

$$\begin{array}{r} 12. \quad \quad 6 \\ 1 \ 0 \ 8 \\ \times \quad 8 \\ \hline 8 \ 6 \ 4 \end{array}$$

$$\begin{array}{r} 13. \quad 1 \ 2 \\ 1 \ 1 \ 3 \\ \times \quad 8 \\ \hline 9 \ 0 \ 4 \end{array}$$

$$\begin{array}{r} 14. \quad 1 \ 2 \\ 1 \ 2 \ 3 \\ \times \quad 8 \\ \hline 9 \ 8 \ 4 \end{array}$$

$$\begin{array}{r} 15. \quad \quad 1 \\ 1 \ 0 \ 2 \\ \times \quad 9 \\ \hline 9 \ 1 \ 8 \end{array}$$

$$\begin{array}{r} 16. \quad \quad 4 \\ 1 \ 0 \ 5 \\ \times \quad 9 \\ \hline 9 \ 4 \ 5 \end{array}$$

$$\begin{array}{r} 17. \quad \quad 8 \\ 1 \ 0 \ 9 \\ \times \quad 9 \\ \hline 9 \ 8 \ 1 \end{array}$$

$$\begin{array}{r} 18. \quad \quad \quad 4 \ 6 \\ \times \quad 1 \ 0 \\ \hline 4 \ 6 \ 0 \end{array}$$

$$\begin{array}{r} 19. \quad \quad \quad 6 \ 9 \\ \times \quad 1 \ 0 \\ \hline 6 \ 9 \ 0 \end{array}$$

$$\begin{array}{r} 20. \quad \quad \quad 3 \ 5 \\ \times \quad 1 \ 0 \\ \hline 3 \ 5 \ 0 \end{array}$$

### EXERCISE 2.4

Solve the following word problems:

1. Each fan has 4 blades. A hall has 6 fans. What is the total number of blades?

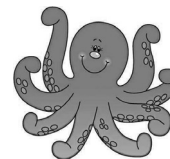
**Total number of blades is 24.**



$$\begin{array}{r} \quad 6 \\ \times \quad 4 \\ \hline 2 \ 4 \end{array}$$

2. An Octopus has 8 legs. How many legs will 9 octopuses have?

**Total number of legs is 72.**



$$\begin{array}{r} \quad 9 \\ \times \quad 8 \\ \hline 7 \ 2 \end{array}$$

3. A carton has 72 soap cakes. How many soap cakes will 6 such cartons have?

**Number of soap cakes in 6 cartons is 432.**



$$\begin{array}{r} \quad 1 \\ \quad 7 \ 2 \\ \times \quad 6 \\ \hline 4 \ 3 \ 2 \end{array}$$

4. A bus can carry 45 passengers. How many passengers can 7 such buses carry?

**Number of passengers in 7 buses is 315.**



$$\begin{array}{r} \quad 3 \\ \quad 4 \ 5 \\ \times \quad 7 \\ \hline 3 \ 1 \ 5 \end{array}$$

5. Each packet has 124 notebooks. How many books will 8 such packets have?

**Number of notebooks in 8 packets is 992.**



$$\begin{array}{r} \quad 1 \ 3 \\ \quad 1 \ 2 \ 4 \\ \times \quad 8 \\ \hline 9 \ 9 \ 2 \end{array}$$

6. Each wagon can carry 104 bags. How many bags can 9 such wagons carry?

**9 wagons can carry 936 bags.**



$$\begin{array}{r} \quad 3 \\ \quad 1 \ 0 \ 4 \\ \times \quad 9 \\ \hline 9 \ 3 \ 6 \end{array}$$

## EXERCISE 2.5

Fill in the blanks.

1.  $3 \times 1 = \underline{3}$ .

3.  $\underline{43} \times 1 = 43$ .

5.  $15 \times \underline{3} = 3 \times 15$ .

7.  $42 \times 65 = 65 \times \underline{42}$ .

9.  $282 \times \underline{0} = 0$ .

2.  $12 \times \underline{1} = 12$ .

4.  $24 \times 52 = \underline{52} \times 24$ .

6.  $\underline{27} \times 14 = 14 \times 27$ .

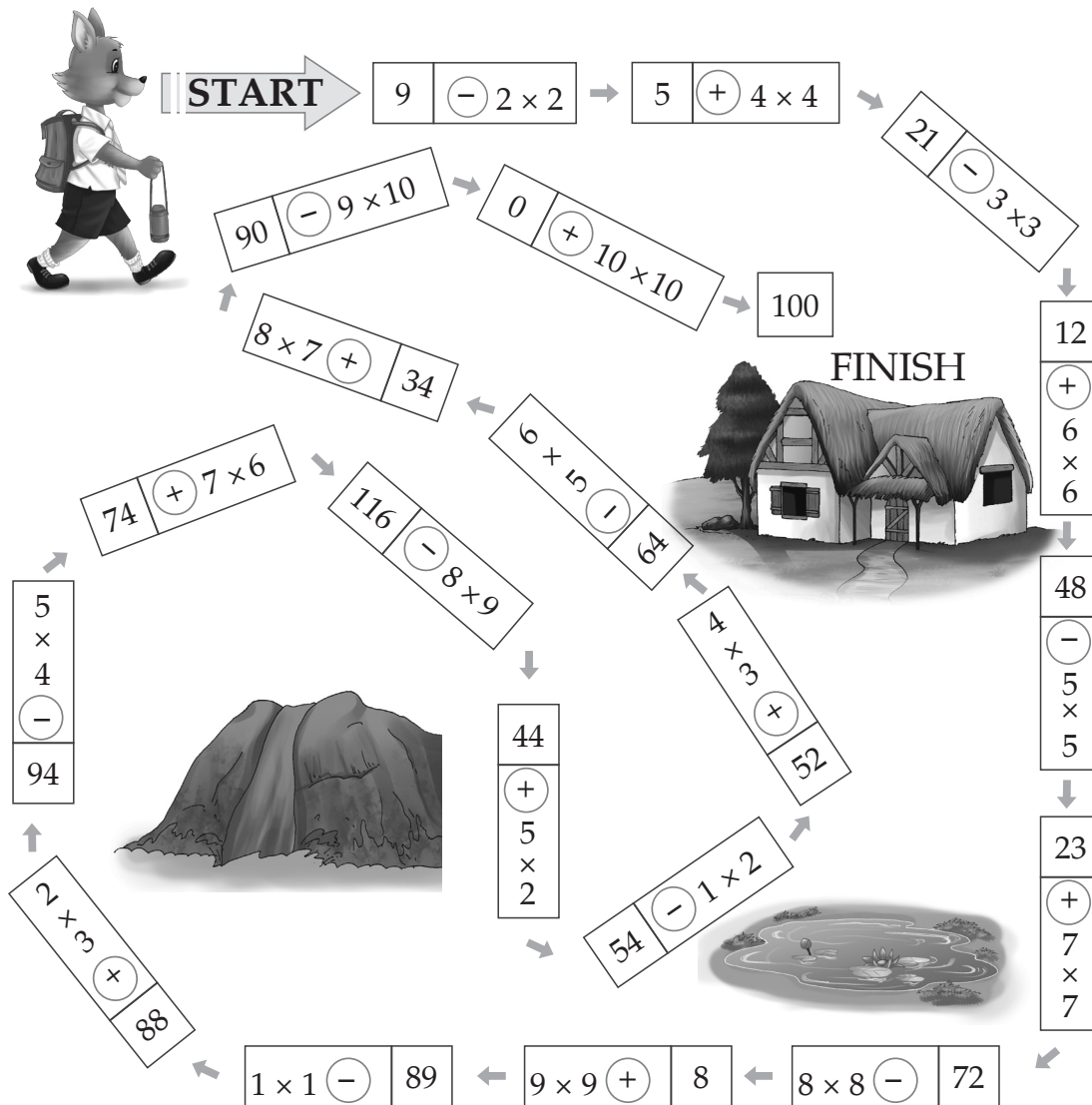
8.  $233 \times 0 = \underline{0}$ .

10.  $\underline{0} \times 123 = 0$ .

## FUN ZONE

Bunny, a fox, is studying in a jungle school. One day, he was given a task based on multiplication tables 1 – 10. He was asked to complete the task before going home. Can you help him? One is done for you.

**Instruction:** Put a + or – sign in a circle and a multiplication fact from the tables of 1 – 10 to reach the next number.



# 3. Division

## ANSWERS

### LET US RECALL

#### Division Using Multiplication Facts

##### A. Fill in the blanks.

$3 \times 1 = 3$	$3 \div 1 = 3$	$10 \times 3 = 30$	$30 \div 3 = \underline{10}$
$6 \times 1 = 6$	$6 \div 1 = \underline{6}$	$3 \times 4 = 12$	$12 \div 4 = \underline{3}$
$4 \times 2 = 8$	$8 \div 2 = \underline{4}$	$9 \times 4 = 36$	$36 \div 4 = \underline{9}$
$9 \times 2 = 18$	$18 \div 2 = \underline{9}$	$4 \times 5 = 20$	$20 \div 5 = \underline{4}$
$8 \times 3 = 24$	$24 \div 2 = \underline{12}$	$8 \times 5 = 40$	$40 \div 5 = \underline{8}$

##### B. Divide:

$$\begin{array}{r} 31 \\ 2 \overline{) 62} \\ \underline{- 6} \\ 02 \\ \underline{- 02} \\ 0 \end{array}$$

Quotient 31

$$\begin{array}{r} 31 \\ 3 \overline{) 93} \\ \underline{- 9} \\ 03 \\ \underline{- 03} \\ 0 \end{array}$$

Quotient 31

$$\begin{array}{r} 15 \\ 4 \overline{) 63} \\ \underline{- 4} \\ 23 \\ \underline{- 20} \\ 3 \end{array}$$

Quotient 15  
Remainder 3

$$\begin{array}{r} 8 \\ 5 \overline{) 42} \\ \underline{- 40} \\ 2 \end{array}$$

Quotient 8  
Remainder 2

C. A carton has 63 soap cakes. They have to be packed into packets of 5 soap cakes each. How many packets can be packed? How many soap cakes will be left behind?

Ans. 12 packets can be packed, 3 soap cakes will be left behind.

$$\begin{array}{r} 12 \\ 5 \overline{) 63} \\ \underline{- 5} \\ 13 \\ \underline{- 10} \\ 3 \end{array}$$

### EXERCISE 3.1

#### Fill in the blanks.

$1 \times 6 = 6$	$6 \div 6 = 1$	$1 \times 7 = 7$	$7 \div 7 = 1$
$2 \times 6 = 12$	$12 \div 6 = \underline{2}$	$2 \times 7 = 14$	$14 \div 7 = \underline{2}$
$3 \times 6 = 18$	$18 \div 6 = \underline{3}$	$3 \times 7 = 21$	$21 \div 7 = \underline{3}$
$4 \times 6 = 24$	$24 \div 6 = \underline{4}$	$4 \times 7 = 28$	$28 \div 7 = \underline{4}$
$5 \times 6 = 30$	$30 \div 6 = \underline{5}$	$5 \times 7 = 35$	$35 \div 7 = \underline{5}$
$6 \times 6 = 36$	$36 \div 6 = \underline{6}$	$6 \times 7 = 42$	$42 \div 7 = \underline{6}$
$7 \times 6 = 42$	$42 \div 6 = \underline{7}$	$7 \times 7 = 49$	$49 \div 7 = \underline{7}$
$8 \times 6 = 48$	$48 \div 6 = \underline{8}$	$8 \times 7 = 56$	$56 \div 7 = \underline{8}$
$9 \times 6 = 54$	$54 \div 6 = \underline{9}$	$9 \times 7 = 63$	$63 \div 7 = \underline{9}$
$10 \times 6 = 60$	$60 \div 6 = \underline{10}$	$10 \times 7 = 70$	$70 \div 7 = \underline{10}$

$$\begin{array}{l} 1 \times 8 = 8 \\ 2 \times 8 = 16 \\ 3 \times 8 = 24 \\ 4 \times 8 = 32 \\ 5 \times 8 = 40 \\ 6 \times 8 = 48 \\ 7 \times 8 = 56 \\ 8 \times 8 = 64 \\ 9 \times 8 = 72 \\ 10 \times 8 = 80 \end{array}$$

$$\begin{array}{l} 8 \div 8 = 1 \\ 16 \div 8 = 2 \\ 24 \div 8 = 3 \\ 32 \div 8 = 4 \\ 40 \div 8 = 5 \\ 48 \div 8 = 6 \\ 56 \div 8 = 7 \\ 64 \div 8 = 8 \\ 72 \div 8 = 9 \\ 80 \div 8 = 10 \end{array}$$

$$\begin{array}{l} 1 \times 9 = 9 \\ 2 \times 9 = 18 \\ 3 \times 9 = 27 \\ 4 \times 9 = 36 \\ 5 \times 9 = 45 \\ 6 \times 9 = 54 \\ 7 \times 9 = 63 \\ 8 \times 9 = 72 \\ 9 \times 9 = 81 \\ 10 \times 9 = 90 \end{array}$$

$$\begin{array}{l} 9 \div 9 = 1 \\ 18 \div 9 = 2 \\ 27 \div 9 = 3 \\ 36 \div 9 = 4 \\ 45 \div 9 = 5 \\ 54 \div 9 = 6 \\ 63 \div 9 = 7 \\ 72 \div 9 = 8 \\ 81 \div 9 = 9 \\ 90 \div 9 = 10 \end{array}$$

$$\begin{array}{l} 1 \times 10 = 10 \\ 2 \times 10 = 20 \\ 3 \times 10 = 30 \\ 4 \times 10 = 40 \\ 5 \times 10 = 50 \end{array}$$

$$\begin{array}{l} 10 \div 10 = 1 \\ 20 \div 10 = 2 \\ 30 \div 10 = 3 \\ 40 \div 10 = 4 \\ 50 \div 10 = 5 \end{array}$$

$$\begin{array}{l} 6 \times 10 = 60 \\ 7 \times 10 = 70 \\ 8 \times 10 = 80 \\ 9 \times 10 = 90 \\ 10 \times 10 = 100 \end{array}$$

$$\begin{array}{l} 60 \div 10 = 6 \\ 70 \div 10 = 7 \\ 80 \div 10 = 8 \\ 90 \div 10 = 9 \\ 100 \div 10 = 10 \end{array}$$

### EXERCISE 3.2

Divide:

$$\begin{array}{r} 1. \quad \begin{array}{r} 42 \\ 6 \overline{) 252} \\ \underline{- 24} \phantom{0} \\ 12 \\ \underline{- 12} \\ 0 \end{array} \end{array}$$

Quotient is 42

$$\begin{array}{r} 2. \quad \begin{array}{r} 70 \\ 6 \overline{) 420} \\ \underline{- 42} \phantom{0} \\ 00 \\ \underline{- 00} \\ 0 \end{array} \end{array}$$

Quotient is 70

$$\begin{array}{r} 3. \quad \begin{array}{r} 133 \\ 6 \overline{) 798} \\ \underline{- 6} \phantom{00} \\ 19 \\ \underline{- 18} \\ 18 \\ \underline{- 18} \\ 0 \end{array} \end{array}$$

Quotient is 133

$$\begin{array}{r} 4. \quad \begin{array}{r} 35 \\ 7 \overline{) 245} \\ \underline{- 21} \phantom{0} \\ 35 \\ \underline{- 35} \\ 0 \end{array} \end{array}$$

Quotient is 35

$$\begin{array}{r} 5. \quad \begin{array}{r} 56 \\ 7 \overline{) 392} \\ \underline{- 35} \phantom{0} \\ 42 \\ \underline{- 42} \\ 0 \end{array} \end{array}$$

Quotient is 56

$$\begin{array}{r} 6. \quad \begin{array}{r} 65 \\ 7 \overline{) 455} \\ \underline{- 42} \phantom{0} \\ 35 \\ \underline{- 35} \\ 0 \end{array} \end{array}$$

Quotient is 65

$$\begin{array}{r} 7. \quad \begin{array}{r} 56 \\ 8 \overline{) 448} \\ \underline{- 40} \phantom{0} \\ 48 \\ \underline{- 48} \\ 0 \end{array} \end{array}$$

Quotient is 56

$$\begin{array}{r} 8. \quad \begin{array}{r} 63 \\ 8 \overline{) 504} \\ \underline{- 48} \phantom{0} \\ 24 \\ \underline{- 24} \\ 0 \end{array} \end{array}$$

Quotient is 63

$$\begin{array}{r} 9. \quad \begin{array}{r} 79 \\ 8 \overline{) 632} \\ \underline{- 56} \phantom{0} \\ 72 \\ \underline{- 72} \\ 0 \end{array} \end{array}$$

Quotient is 79

$$\begin{array}{r}
 10. \quad \begin{array}{r} 27 \\ 9 \overline{) 243} \\ \underline{- 18} \\ 63 \\ \underline{- 63} \\ 0 \end{array}
 \end{array}$$

Quotient is 27

$$\begin{array}{r}
 11. \quad \begin{array}{r} 65 \\ 9 \overline{) 585} \\ \underline{- 54} \\ 45 \\ \underline{- 45} \\ 0 \end{array}
 \end{array}$$

Quotient is 65

$$\begin{array}{r}
 12. \quad \begin{array}{r} 78 \\ 9 \overline{) 702} \\ \underline{- 63} \\ 72 \\ \underline{- 72} \\ 0 \end{array}
 \end{array}$$

Quotient is 78

$$\begin{array}{r}
 13. \quad \begin{array}{r} 67 \\ 10 \overline{) 670} \\ \underline{- 60} \\ 70 \\ \underline{- 70} \\ 0 \end{array}
 \end{array}$$

Quotient is 67

$$\begin{array}{r}
 14. \quad \begin{array}{r} 99 \\ 10 \overline{) 990} \\ \underline{- 90} \\ 90 \\ \underline{- 90} \\ 0 \end{array}
 \end{array}$$

Quotient is 99

$$\begin{array}{r}
 15. \quad \begin{array}{r} 89 \\ 10 \overline{) 890} \\ \underline{- 80} \\ 90 \\ \underline{- 90} \\ 0 \end{array}
 \end{array}$$

Quotient is 89

### EXERCISE 3.3

Divide:

$$\begin{array}{r}
 1. \quad \begin{array}{r} 37 \\ 6 \overline{) 225} \\ \underline{- 18} \\ 45 \\ \underline{- 42} \\ 3 \end{array}
 \end{array}$$

Quotient is 37

Remainder is 3

$$\begin{array}{r}
 2. \quad \begin{array}{r} 61 \\ 6 \overline{) 367} \\ \underline{- 36} \\ 07 \\ \underline{- 06} \\ 1 \end{array}
 \end{array}$$

Quotient is 61

Remainder is 1

$$\begin{array}{r}
 3. \quad \begin{array}{r} 166 \\ 6 \overline{) 999} \\ \underline{- 6} \\ 39 \\ \underline{- 36} \\ 39 \\ \underline{- 36} \\ 3 \end{array}
 \end{array}$$

Quotient is 166

Remainder is 3

$$\begin{array}{r}
 4. \quad \begin{array}{r} 36 \\ 7 \overline{) 257} \\ \underline{- 21} \\ 47 \\ \underline{- 42} \\ 5 \end{array}
 \end{array}$$

Quotient is 36

Remainder is 5

$$\begin{array}{r}
 5. \quad \begin{array}{r} 67 \\ 7 \overline{) 475} \\ \underline{- 42} \\ 55 \\ \underline{- 49} \\ 6 \end{array}
 \end{array}$$

Quotient is 67

Remainder is 6

$$\begin{array}{r}
 6. \quad \begin{array}{r} 126 \\ 7 \overline{) 886} \\ \underline{- 7} \\ 18 \\ \underline{- 14} \\ 46 \\ \underline{- 42} \\ 4 \end{array}
 \end{array}$$

Quotient is 126

Remainder is 4

$$\begin{array}{r}
 70 \\
 8 \overline{) 563} \\
 \underline{- 56} \\
 03 \\
 \underline{- 00} \\
 \underline{\quad 3}
 \end{array}$$

Quotient is 70  
 Remainder is 3

$$\begin{array}{r}
 77 \\
 8 \overline{) 622} \\
 \underline{- 56} \\
 62 \\
 \underline{- 56} \\
 \underline{\quad 6}
 \end{array}$$

Quotient is 77  
 Remainder is 6

$$\begin{array}{r}
 103 \\
 8 \overline{) 827} \\
 \underline{- 8} \\
 02 \\
 \underline{- 00} \\
 27 \\
 \underline{- 24} \\
 \underline{\quad 3}
 \end{array}$$

Quotient is 103  
 Remainder is 3

$$\begin{array}{r}
 63 \\
 9 \overline{) 570} \\
 \underline{- 54} \\
 30 \\
 \underline{- 27} \\
 \underline{\quad 3}
 \end{array}$$

Quotient is 63  
 Remainder is 3

$$\begin{array}{r}
 72 \\
 9 \overline{) 651} \\
 \underline{- 63} \\
 21 \\
 \underline{- 18} \\
 \underline{\quad 3}
 \end{array}$$

Quotient is 72  
 Remainder is 3

$$\begin{array}{r}
 107 \\
 9 \overline{) 970} \\
 \underline{- 9} \\
 07 \\
 \underline{- 00} \\
 70 \\
 \underline{- 63} \\
 \underline{\quad 7}
 \end{array}$$

Quotient is 107  
 Remainder is 7

$$\begin{array}{r}
 58 \\
 10 \overline{) 588} \\
 \underline{- 50} \\
 88 \\
 \underline{- 80} \\
 \underline{\quad 8}
 \end{array}$$

Quotient is 58  
 Remainder is 8

$$\begin{array}{r}
 73 \\
 10 \overline{) 733} \\
 \underline{- 70} \\
 33 \\
 \underline{- 30} \\
 \underline{\quad 3}
 \end{array}$$

Quotient is 73  
 Remainder is 3

$$\begin{array}{r}
 89 \\
 10 \overline{) 895} \\
 \underline{- 80} \\
 95 \\
 \underline{- 90} \\
 \underline{\quad 5}
 \end{array}$$

Quotient is 89  
 Remainder is 5

### EXERCISE 3.4

Solve the following word problems:

1. 81 roses have to be equally bunched into 9 bunches.  
 How many roses must be tied in each bunch?



$$\begin{array}{r}
 9 \\
 9 \overline{) 81} \\
 \underline{- 81} \\
 \underline{\quad 0}
 \end{array}$$

Ans. 9 roses

2. 448 items have to be equally packed in 8 bags. How many items must be packed in each bag?



$$\begin{array}{r} 56 \\ 8 \overline{) 448} \\ \underline{- 40} \phantom{0} \\ 48 \\ \underline{- 48} \\ 0 \end{array}$$

Ans. 56 items

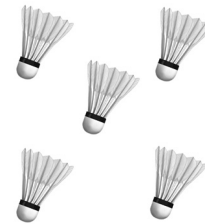
3. 635 paintbrushes are to be equally packed in 6 pouches. How many paintbrushes were packed in each pouch? How many paintbrushes were left behind?



$$\begin{array}{r} 105 \\ 6 \overline{) 635} \\ \underline{- 6} \phantom{0} \\ 03 \\ \underline{- 00} \\ 35 \\ \underline{- 30} \\ 5 \end{array}$$

Ans. 105 paintbrushes were packed in each pouch, 5 paintbrushes were left behind.

4. 415 shuttle cocks are to be packed in containers. Each container is to contain 10 shuttle cocks. How many containers can be completely packed? How many shuttle cocks will be left behind?



$$\begin{array}{r} 41 \\ 10 \overline{) 415} \\ \underline{- 40} \\ 15 \\ \underline{- 10} \\ 5 \end{array}$$

Ans. 41 containers can be completely packed, 5 shuttlecocks will be left behind.

### EXERCISE 3.5

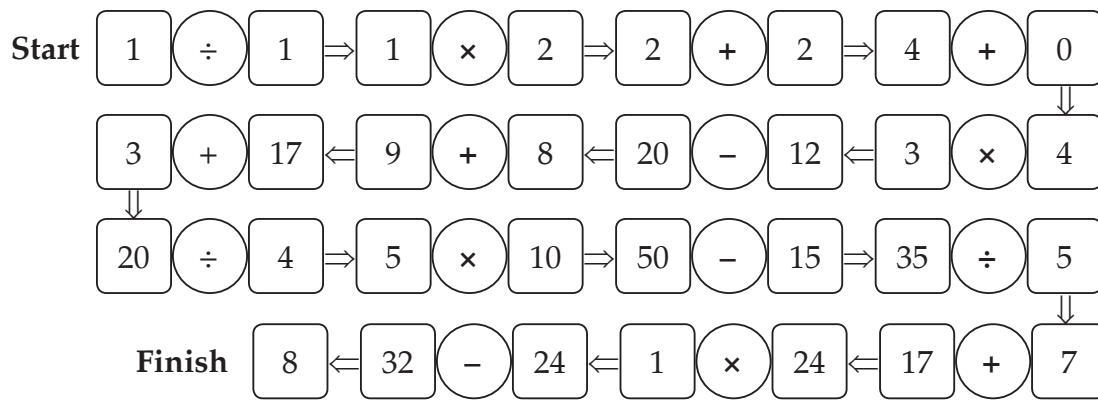
Fill in the blanks.

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| 1. $636 \div 636 = \underline{1}$ .  | 2. $446 \div 446 = \underline{1}$ .  |
| 3. $413 \div \underline{413} = 1$ .  | 4. $988 \div \underline{988} = 1$ .  |
| 5. $\underline{399} \div 399 = 1$ .  | 6. $\underline{514} \div 514 = 1$ .  |
| 7. $648 \div 1 = \underline{648}$ .  | 8. $215 \div 1 = \underline{215}$ .  |
| 9. $762 \div \underline{1} = 762$ .  | 10. $444 \div \underline{1} = 444$ . |
| 11. $\underline{747} \div 1 = 747$ . | 12. $\underline{398} \div 1 = 398$ . |

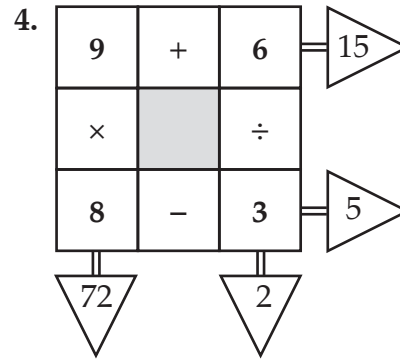
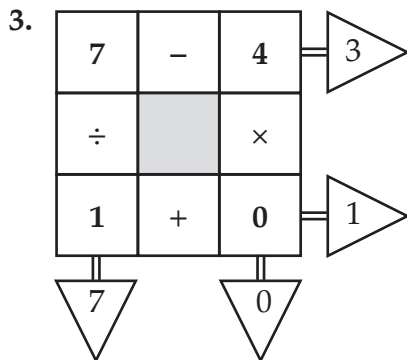
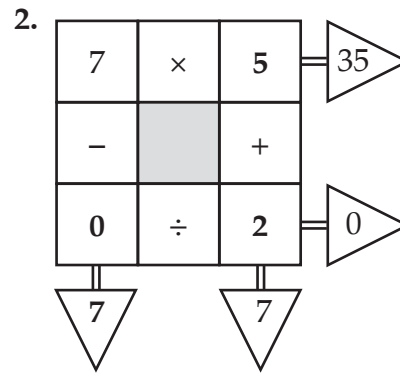
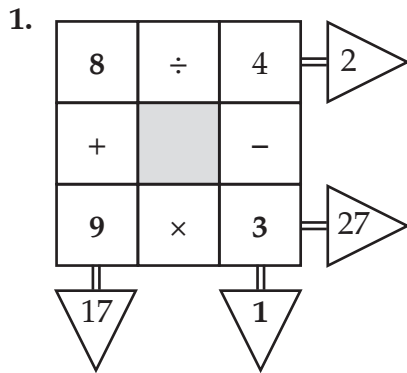
### PUZZLE

A. Here is a number chain based on all the four operations (+, -, × or ÷). Put any appropriate sign in the circle ○ to join the number chain.





**B. Put the numbers 0–9 suitably in the boxes to complete the operations.**

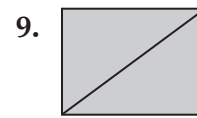
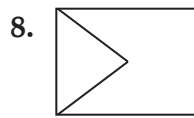
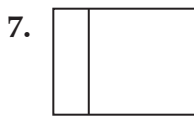
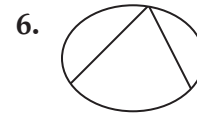
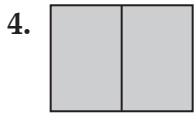
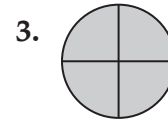
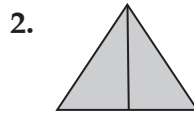
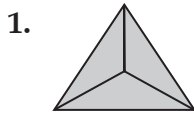


# 4. Fractions

## ANSWERS

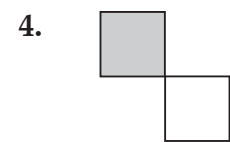
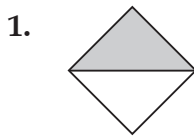
### EXERCISE 4.1

Colour the shape that is divided into two or more equal parts.

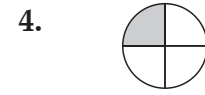
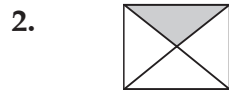
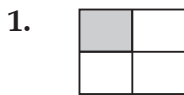


### EXERCISE 4.2

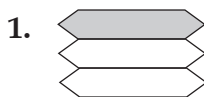
A. Colour  $\frac{1}{2}$  (one-half) of each shape.



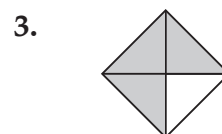
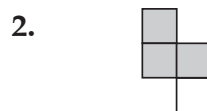
B. Colour  $\frac{1}{4}$  (one-fourth) of each shape.



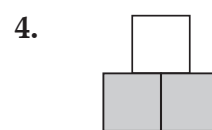
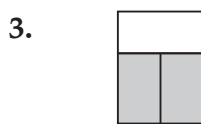
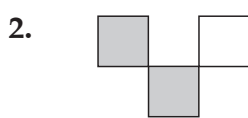
C. Colour  $\frac{1}{3}$  (one-third) of each shape.



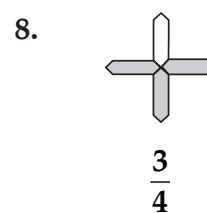
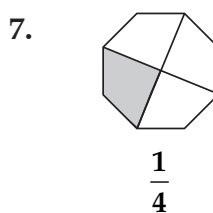
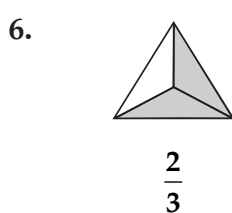
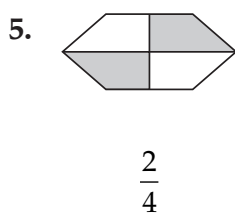
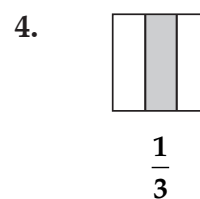
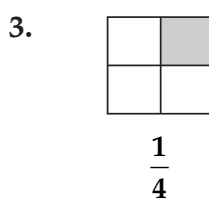
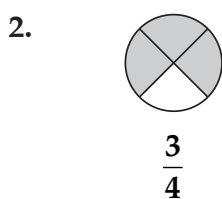
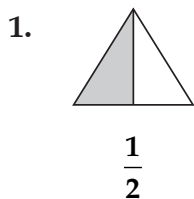
D. Colour  $\frac{3}{4}$  (three-fourths) of each shape.



E. Colour  $\frac{2}{3}$  (two-thirds) of each shape.



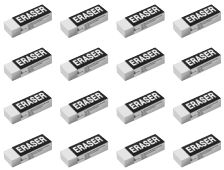


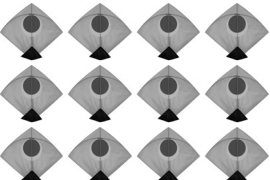

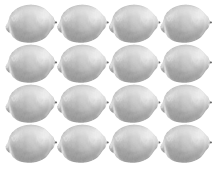
F. Write the fractions for the shaded parts.



### EXERCISE 4.3

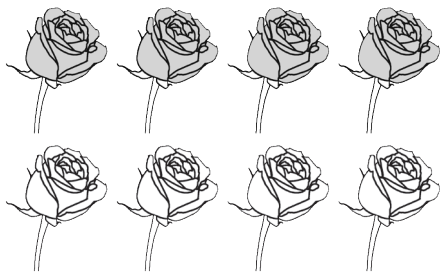
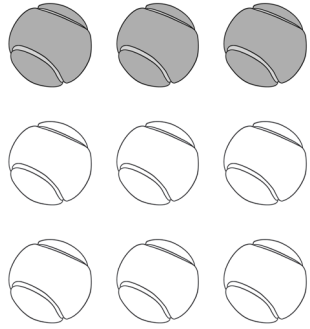
Divide the given collections into the given parts and find how many items in one part.

Two equal parts	Three equal parts	Four equal parts
$\frac{1}{2}$ of 6 = 3	$\frac{1}{3}$ of 15 = 5	$\frac{1}{4}$ of 8 = 2
$\frac{1}{2}$ of 10 = 5	$\frac{1}{3}$ of 18 = 6	$\frac{1}{4}$ of 20 = 5

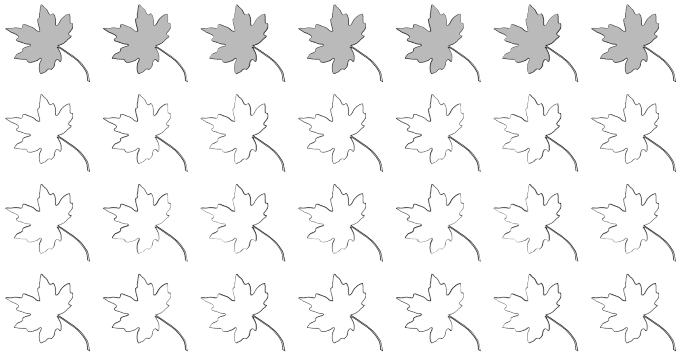
		
$\frac{1}{2}$ of 16 = 8	$\frac{1}{3}$ of 9 = 3	$\frac{1}{4}$ of 12 = 3
		
$\frac{1}{2}$ of 12 = 6	$\frac{1}{3}$ of 12 = 4	$\frac{1}{4}$ of 16 = 4

### FUN ZONE

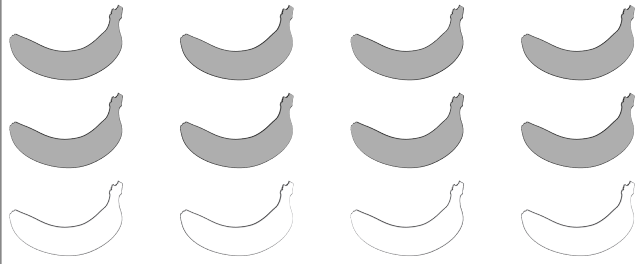
Divide the collections and colour the figures to show the given fractions.

$\frac{1}{2} \rightarrow$ Pink 	$\frac{1}{3} \rightarrow$ Red 
---	--

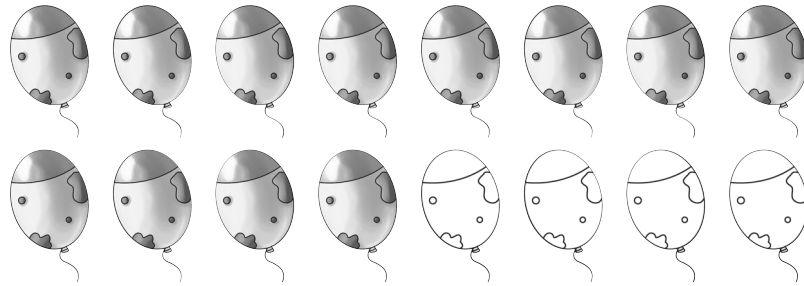
$\frac{1}{4} \rightarrow$  Green



$\frac{2}{3} \rightarrow$  Yellow



$\frac{3}{4} \rightarrow$  Blue



# 5. Money

## ANSWERS

### LET US RECALL

Who has more money? Put a tick (✓) mark in the box.



**Minku**




**Chinky**




**Golu**




**Neha**



### MENTAL TEST

Tick (✓) the notes or coins that you exchange with the given single note or coin.

### EXERCISE 5.1

A. Convert the money.

1. 5-rupee coin =  1-rupee coins

2. 10-rupee note =  1-rupee notes or  2-rupee coins

3. 20-rupee note =  $\boxed{4}$  5-rupee notes
4. 20-rupee note =  $\boxed{10}$  2-rupee coins or  $\boxed{2}$  10-rupee coins
5. 50-rupee note = Two 5-rupee coins and  $\boxed{4}$  10-rupee coins
6. 50-rupee note =  $\boxed{5}$  10-rupee notes or  $\boxed{25}$  2-rupee notes
7. 100-rupee note = Two 5-rupee notes and  $\boxed{9}$  10-rupee coins
8. 100-rupee note =  $\boxed{5}$  20-rupee notes or  $\boxed{20}$  5-rupee notes

**B. Write the following amount in words or figures.**

1. ₹ 2.25      Two rupees twenty-five paise
2. ₹ 11.75      Eleven rupees seventy-five paise
3. ₹ 8.10      Eight rupees ten paise
4. ₹ 50.50      Fifty rupees fifty paise
5. ₹ 10.50      Ten rupees fifty paise
6. ₹ 100.50      One hundred rupees fifty paise
7. ₹ 25.40      Twenty-five rupees forty paise
8. ₹ 100.25      One hundred rupees twenty-five paise
9. ₹ 5.75      Five rupees seventy-five paise
10. ₹ 10.25      Ten rupees twenty-five paise

**EXERCISE 5.2**

**A. Add the following.**

- |   |  |  |   |
|---|--|--|---|
| <p>1.</p> $\begin{array}{r} \phantom{₹} 1 \\ ₹ 35.40 \\ + ₹ 18.30 \\ \hline ₹ 53.70 \end{array}$                | <p>2.</p> $\begin{array}{r} \phantom{₹} 1 \\ ₹ 55.25 \\ + ₹ 25.50 \\ \hline ₹ 80.75 \end{array}$                 | <p>3.</p> $\begin{array}{r} \phantom{₹} 11 \\ ₹ 36.50 \\ + ₹ 63.50 \\ \hline ₹ 100.00 \end{array}$ | <p>4.</p> $\begin{array}{r} \phantom{₹} 11 \phantom{0} 1 \\ ₹ 45.35 \\ + ₹ 35.75 \\ \hline ₹ 81.10 \end{array}$ |
| <p>5.</p> $\begin{array}{r} \phantom{₹} 11 \phantom{0} 1 \\ ₹ 18.75 \\ + ₹ 72.25 \\ \hline ₹ 91.00 \end{array}$ | <p>6.</p> $\begin{array}{r} \phantom{₹} 1 \phantom{0} 1 \\ ₹ 100.25 \\ + ₹ 60.75 \\ \hline ₹ 161.00 \end{array}$ | <p>7.</p> $\begin{array}{r} \phantom{₹} 1 \\ ₹ 90.50 \\ + ₹ 50.50 \\ \hline ₹ 141.00 \end{array}$  | <p>8.</p> $\begin{array}{r} ₹ 120.00 \\ + ₹ 75.25 \\ \hline ₹ 195.25 \end{array}$                               |

**B. Subtract the following.**

$$\begin{array}{r} 1. \quad ₹48.50 \\ - ₹25.30 \\ \hline ₹23.20 \end{array}$$

$$\begin{array}{r} 2. \quad \quad \quad 115 \\ \quad \quad ₹75.25 \\ - ₹41.18 \\ \hline ₹34.07 \end{array}$$

$$\begin{array}{r} 3. \quad \quad \quad 51410 \\ \quad \quad ₹36.50 \\ - ₹20.75 \\ \hline ₹15.75 \end{array}$$

$$\begin{array}{r} 4. \quad \quad \quad 612 \\ \quad \quad ₹87.25 \\ - ₹50.75 \\ \hline ₹36.50 \end{array}$$

$$\begin{array}{r} 5. \quad ₹100.50 \\ - ₹80.00 \\ \hline ₹20.50 \end{array}$$

$$\begin{array}{r} 6. \quad 011412 \\ \quad ₹125.25 \\ - ₹75.50 \\ \hline ₹49.75 \end{array}$$

$$\begin{array}{r} 7. \quad \quad \quad 71110 \\ \quad \quad ₹68.20 \\ - ₹50.45 \\ \hline ₹17.75 \end{array}$$

$$\begin{array}{r} 8. \quad \quad \quad 71113 \\ \quad \quad ₹82.25 \\ - ₹55.55 \\ \hline ₹26.80 \end{array}$$

**EXERCISE 5.3**

Solve the following word problems.

1. Vaibhav bought a drawing book for ₹65 and a notebook for ₹32. How much did he spend in all?

He spent ₹ 97 in all.



$$\begin{array}{r} ₹65 \\ + ₹32 \\ \hline ₹97 \end{array}$$

2. Rajneesh has ₹100 with him. He buys a belt for ₹65. How much money is left with him now?

He has ₹ 35 left with him.



$$\begin{array}{r} ₹100 \\ - ₹65 \\ \hline ₹35 \end{array}$$

3. Jyoti wants to buy a necklace which costs ₹90.50. But she has only ₹65.25 with her. How much more money does she need to buy a necklace?

She needs ₹ 25.25 more.



$$\begin{array}{r} 810410 \\ ₹90.50 \\ - ₹65.25 \\ \hline ₹25.25 \end{array}$$

4. Suresh had ₹210.50 in his purse. His mother gave him ₹50.75. How much money does he have now?

He has now ₹ 261.25 in all.



$$\begin{array}{r} 1 \\ ₹210.50 \\ + ₹50.75 \\ \hline ₹261.25 \end{array}$$



## FUN ZONE

Five friends went for shopping to a Big Bazar. They took a trolley to collect items. The amounts they have are shown with trolley. Help them in choosing the items that can be bought with these amounts. (Each of them has to buy only three items).



Ans.

Total Amount	Combination of cost (of items)
₹ 200	₹ 130 + ₹ 60 + ₹ 10
₹ 320	₹ 200 + ₹ 100 + ₹ 20
₹ 500	₹ 250 + ₹ 130 + ₹ 120
₹ 650	₹ 350 + ₹ 245 + ₹ 55
₹ 700	₹ 300 + ₹ 225 + ₹ 175

## PERIODIC TEST 3

### A. Write True or False.

- The division of any number by 0 is not defined. T
- One whole object can be cut into three halves. F
- A 10-rupee note can be exchanged with one 1-rupee coin, two 2-rupee coins and one 5-rupee coin. T

### B. Fill in the blanks.

- ₹14.50 is read as Fourteen rupees fifty paise.
- 4 one-fourths make a whole.
- Any number divided by itself gives the quotient 1.

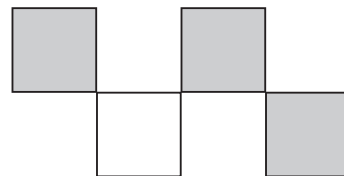
### C. Tick (✓) the correct option.

- 100 paise make 1 rupee. How many paise make ₹8?

(a) 80 p  (b) 108 p  (c) 800 p  (d) 180 p

- Choose the fraction that represents the unshaded part.

(a)  $\frac{1}{4}$   (b)  $\frac{1}{3}$    
 (c)  $\frac{1}{2}$   (d)  $\frac{3}{4}$



### D. Tick (✓) the name of the shape that the given object shows.

1.



**Loudspeaker**

Cylinder   
 Cone   
 Prism

2.



**Candle**

Sphere   
 Cuboid   
 Cylinder

3.



**Tent**

Cylinder   
 Cone   
 Prism

4.



**Almirah**

Cube   
 Cuboid   
 Sphere

### E. Multiply:

1. 
$$\begin{array}{r} 111 \\ \times 7 \\ \hline 777 \end{array}$$

2. 
$$\begin{array}{r} 21 \\ 142 \\ \times 6 \\ \hline 852 \end{array}$$

**F. Write the correct number in the boxes.**

1. A cuboid has  flat faces,  corners and  edges.
2. A cone has  flat face,  curved face,  edge and  corner.
3. A sphere has  curved face and  corner or edge.
4. A cylinder has  flat faces,  curved face,  edges and  corner.

**G.** A bus can carry 45 passengers. How many passengers can 7 such buses carry?



Number of passengers in 7 buses is 315.

$$\begin{array}{r} 3 \\ 45 \\ \times 7 \\ \hline 315 \end{array}$$

**H.** Mridula wants to buy a necklace which costs ₹90.50.

But she has only ₹65.25 with her. How much more money does she need to buy a necklace?



She needs ₹ 25.25 more.

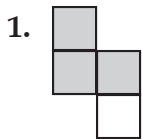
$$\begin{array}{r} 810.40 \\ ₹ 90.50 \\ - ₹ 65.25 \\ \hline ₹ 25.25 \end{array}$$

**I. Divide:**

$$\begin{array}{r} 32 \\ 7 \overline{) 229} \\ - 21 \phantom{0} \\ \hline 19 \\ - 14 \\ \hline 5 \end{array}$$

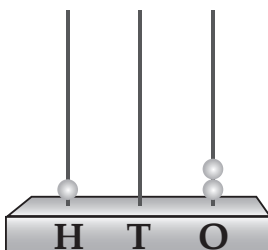
Quotient is 32  
Remainder is 5

**J. Shade  $\frac{3}{4}$  (three-fourths) of each shape.**

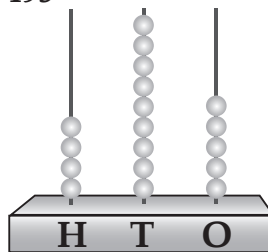


**K. Draw the beads on the abacus to show the numeral.**

1. 102



2. 495



# 6. Time

## ANSWERS

### EXERCISE 6.1

Fill in the blanks.

1. SUNDAY comes after SATURDAY.
2. THURSDAY comes after WEDNESDAY .
3. TUESDAY comes before WEDNESDAY.
4. MONDAY comes before TUESDAY .
5. SUNDAY comes in between SATURDAY and MONDAY .
6. SATURDAY comes in between FRIDAY and SUNDAY.
7. SUNDAY comes in between SATURDAY and MONDAY.

### EXERCISE 6.2

Fill in the blanks.

1. APRIL comes before MAY .
2. OCTOBER comes after SEPTEMBER .
3. OCTOBER comes before NOVEMBER.
4. JANUARY comes after DECEMBER.
5. JULY comes in between JUNE and AUGUST .
6. OCTOBER comes in between SEPTEMBER and NOVEMBER.
7. SEPTEMBER comes in between AUGUST and OCTOBER.

### EXERCISE 6.3

Fill in the blanks.

1. NOVEMBER has 30 days.
2. APRIL has 30 days.
3. DECEMBER has 31 days.
4. MARCH has 31 days.
5. JULY has 31 days.
6. JANUARY has 31 days.
7. OCTOBER has 31 days.
8. AUGUST has 31 days.
9. MAY has 31 days.
10. FEBRUARY has 28 or 29 days.
11. JUNE has 30 days.
12. In a year 4 months have 30 days and 7 months have 31 days.

### EXERCISE 6.4

Observe the calendar given above and fill in the blanks.

1. In this year January has 4 Sundays.
2. In this year February has 4 Mondays.
3. In this year 6 months have 4 Tuesdays. These months are February, March, May, June, August, December
4. In this year 4 months have 5 Saturdays. These months are March, June, August, November
5. In this year 16th of April will be a Tuesday .
6. In this year 23rd of July will be a Tuesday .
7. The date on second Friday of March is 8 .
8. The date on third Thursday of July is 18 .
9. A shop remains closed on Mondays. It will open in August for 27 days.
10. A camp started on September 12 and ended on September 18. The camp was on for seven days.

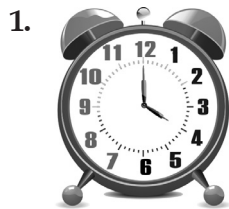
### EXERCISE 6.5

Fill in the blanks.

1. Autumn season comes before WINTER.
2. Rainy season comes after SUMMER.
3. Spring season comes between WINTER and SUMMER.
4. Summer season comes before RAINY season.
5. Summer season comes after SPRING.
6. Winter season comes between AUTUMN and SPRING.

### EXERCISE 6.6

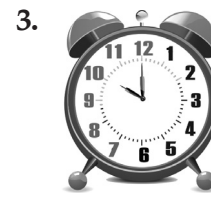
A. Read the clock and write the time correctly in two ways in the space provided.



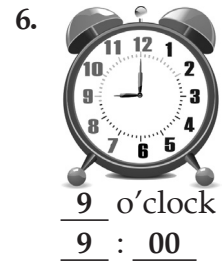
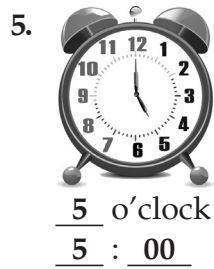
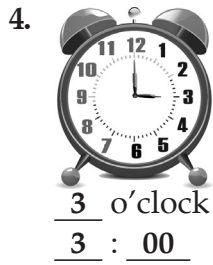
4 o'clock  
4 : 00



2 o'clock  
2 : 00



10 o'clock  
10 : 00



**B. Draw the hands on the clock to show the correct time.**

1. 1 o'clock



2. 6 o'clock



3. 7 o'clock



4. 8 o'clock



5. 11 o'clock



6. 12 o'clock



## FUN ZONE

### Calendar Math

Use Sonal's calendar to answer the questions given below.

OCTOBER 20XX						
S	M	T	W	T	F	S
30 Diwali	31 Movie night					1
2 Gandhi Jayanti	3	4	5	6 Id-ul-Zuha	7	8
9	10 Movie night	11 Dussehra	12 Went camping	13	14	15 Get back home
16 Valmiki Jayanti	17 Movie night	18	19	20	21 Made dinner for granny	22

23	24 Movie night	25	26 Sonal's birthday	27	28	29 Painted a picture
----	----------------------	----	---------------------------	----	----	----------------------------

1. Which day of the week did Sonal have movie night?

**Ans. Monday**

2. Write the day and date on which Sonal celebrated her birthday this year.

**Ans. Wednesday; 26th October**

3. For how many days did Sonal go on her camping trip?

**Ans. 4 days**

4. Name the festivals that were celebrated on Sunday.

**Ans. Diwali, Gandhi Jayanti, Valmiki Jayanti**

5. What did Sonal need to remember to do on the third Friday of the month?

**Ans. Made dinner for granny.**

6. When was Eid-ul-Zuha celebrated?

**Ans. Thursday, 6th October**

7. Name the day on which Dussehra was celebrated.

**Ans. Tuesday**

8. What did Sonal do on the 5th Saturday?

**Ans. Painted a picture**

# 7. Data Handling

## ANSWERS

### Test Yourself

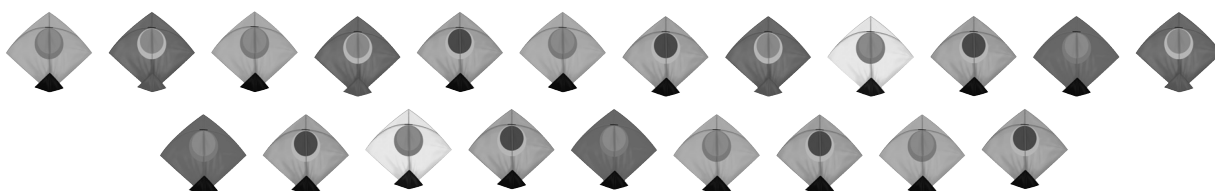
Note down how many pairs of footwear like shoes, sandals and chappals are used by your family members.

Footwear			
Number of pairs			

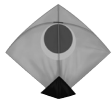
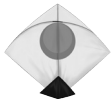



Ans. Do it yourself.

### EXERCISE 7.1

- A. On a particular day, a kite flying competition was organised in the school. Many students participated with their favourite colours of kites. Here are kites of class 2 students.




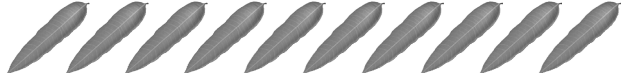



List the number of students who chose these colours.

Brown	Yellow	Red	Green	Purple
				

- Name the most popular colour. Brown
- Name the least popular colour. Yellow
- How many students of class 2 participated in the competition? 21
- Name the colour of the kites that were flown by four students. Red
- If 40 students are in class 2, how many students did not participate? 19
- Find the number of students who flew green kites. 5
- How many more students chose purple colour than the ones who chose yellow colour? 1











B. Manisha does not recognise trees or plants by name. One day, she went with her granny to her garden. She knew the name of different trees and plants with the help of granny. She plucked a leaf from each tree to know which and how many trees are there in her garden.

Guava trees	
Mango trees	
Litchi trees	
Lemon plants	
Jackfruit trees	

- Name the trees which are maximum in number. Mango
- How many lemon plants and jackfruit trees together are there in the garden? 9
- Which kind of trees are as many as the total number of lemon plants and jackfruit trees? Litchi
- How many fewer guava trees are than the mango trees? 3
- Find the total number of trees in the garden. 35

C. Mr. Khanna loves eating fruits for his health. The picture graph shows the fruits he bought from a nearby fruitseller last week.

Each  stands for 5 fruits.

- How many apples did Mr. Khanna eat? 25
- How many papayas did he eat? 15

3. How many more oranges than apples were eaten by him?
4. How many more oranges than papayas were eaten by him?
5. How many fruits did Mr. Khanna buy altogether?
6. Mr. Khanna ate 10 fruits per day. How many fruits are left with him for this week?

5
15
90
20

**D. Yesterday was the annual sports day in my school.**

21 students played football.

15 students played badminton.

3 fewer children played tennis than badminton.






6 more students played volleyball than football.

Twice as many children played basketball than tennis.



1. How many students played volleyball?
2. How many students played tennis?
3. How many students played basketball?
4. How many students played tennis and badminton altogether?
5. Display the data through a pictograph.

27
12
24
27

				
Badminton	Football	Tennis	Volleyball	Basketball

Each ☺ stands for 3 students.

### THINK AND ANSWER

This is your incomplete class routine. You have to read 6 periods of each subject in a week but not two periods of one subject on the same day. Complete this table.

Period→ Day↓	1	2	3	4	5	6	7
Mon	Maths	Comp.	<b>English</b>	EVS	GK	<b>Hindi</b>	Game
Tue	<b>Hindi</b>	Maths	Comp.	<b>English</b>	EVS	GK	Game
Wed	English	<b>GK</b>	Maths	Hindi	Comp.	EVS	Game
Thu	<b>Hindi</b>	English	Comp.	GK	<b>Game</b>	Maths	EVS
Fri	Comp.	<b>EVS</b>	English	<b>GK</b>	Maths	Hindi	Game
Sat	Game	GK	<b>Maths</b>	English	EVS	Hindi	<b>Comp.</b>





### VALUE CORNER

Pratham opened his piggy bank when it was filled completely. He found many coins in it. He sorted out the coins of different denominations as follows:

Sixty 1-rupee coins, Forty-eight 2-rupee coins, Twenty-four 5-rupee coins and Seventy-two 10-rupee coins.

Represent this information through a table and calculate how much money Pratham had collected.



Denomination of coins	Number of coins	Amount (in ₹)
	60	60
	48	96
	24	120
	72	720
Total		996

**Ans. Total amount** =  $60 \times ₹1 + 48 \times ₹2 + 24 \times ₹5 + 72 \times ₹10 = ₹996$

Now, Pratham wants to spend his amount intelligently. So he plans to spend half of the total on a First Aid Box for his school, one-fourth on his stationery items and remaining for his pocket money. Can you help him in this job?

First Aid Box	Stationery Items	Pocket Money
₹498	₹249	₹249

# 8. Geometry

## ANSWERS

### MENTAL TEST

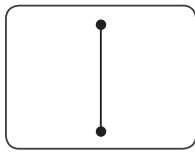
Join the dots using straight and curved lines to get your own design



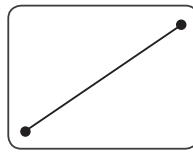
Ans. Do it yourself.

### EXERCISE 8.1

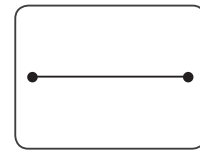
- A. Join the dots by drawing the straight lines and recognise them as horizontal, vertical or slant lines.



Vertical line



Slant line



Horizontal line

- B. Write the name of the line.

1. AB

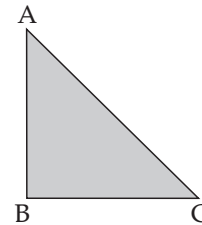
Vertical line

2. BC

Horizontal line

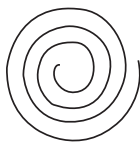
3. AC

Slant line

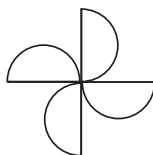


- C. Tick (✓) the shapes made with curved lines only.

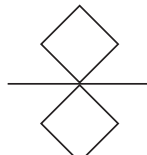
1.



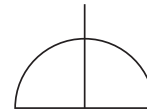
2.



3.



4.



5.

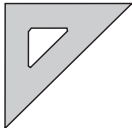




D. Write the letters of the English alphabet that have only.

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

- Vertical lines I
- Slant lines V, W, X
- Curved Lines C, O, Q, S, U
- Both curved and straight lines B, D, G, J, P, R
- Both vertical and horizontal lines E, F, H, L, T
- Both horizontal and slant lines A, Z
- Both vertical and slant lines K, M, N, Y

E. How many horizontal, vertical and slant lines these figures have?

Figures	Horizontal lines	Vertical lines	Slant lines
	2	2	2
	5	5	2
	1	1	1

### EXERCISE 8.2

A. Draw the lines of the given lengths in your notebook.

1. 4 cm

2. 7 cm

3. 5 cm

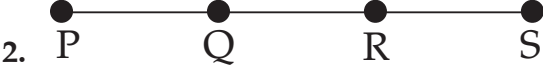
4. 12 cm

Ans. Do it yourself.

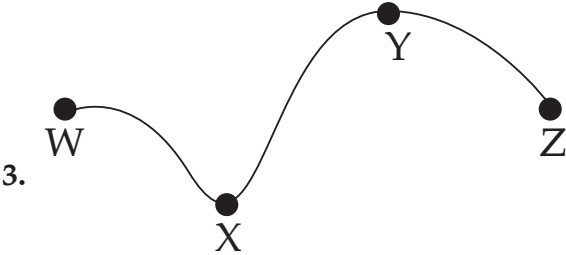
**B. Join the dots in order. Which line do you get?**



Curved line



Straight line



Curved line

# 9. Patterns

## ANSWERS

### EXERCISE 9.1

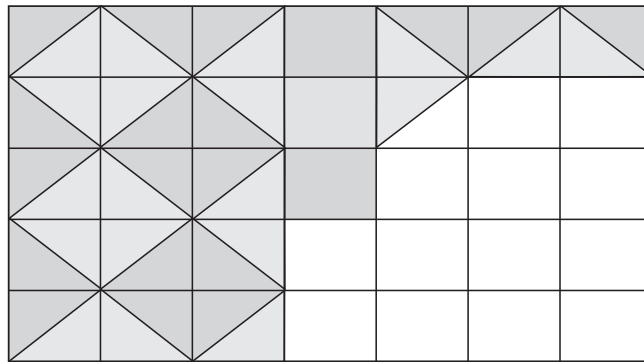
- A. Some part of a shawl of Ridhi's granny has been eaten by a mouse. Can you identify the piece that matches the same pattern?





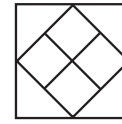
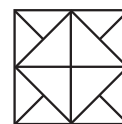
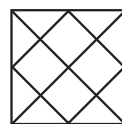
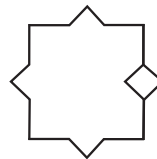
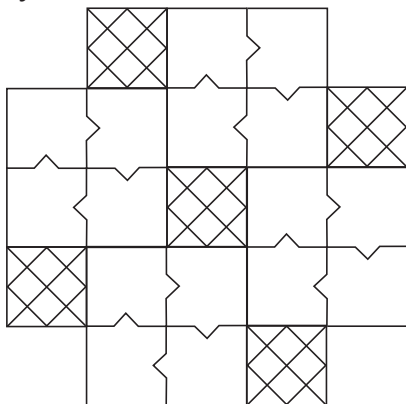



- B. Look at the tiling pattern and colour the incomplete part accordingly.



Ans. Do it yourself.

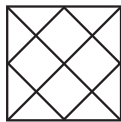
- C. Identify the tiles that are used for tiling this floor.



Ans.



and



D. Extend the following patterns.

1.

2.

3.

4.

5.

6.

**MENTAL TEST**

Write the missing numbers.

1.	4	8	12	16	20	24	28	32	36	40
2.	60	54	48	42	36	30	24	18	12	6
3.	20	40	60	80	100	120	140	160	180	200

**EXERCISE 9.2**

A. Extend the following number patterns.

1.	5	15	25	35	<u>45</u>	<u>55</u>	<u>65</u>	<u>75</u>	<u>85</u>
2.	0	1	0	2	0	<u>3</u>	<u>0</u>	<u>4</u>	<u>0</u>
3.	50	100	150	<u>200</u>	<u>250</u>	<u>300</u>	<u>350</u>	<u>400</u>	<u>450</u>
4.	900	800	700	<u>600</u>	<u>500</u>	<u>400</u>	<u>300</u>	<u>200</u>	<u>100</u>
5.	110	220	330	<u>440</u>	<u>550</u>	<u>660</u>	<u>770</u>	<u>880</u>	<u>990</u>
6.	98	87	76	65	<u>54</u>	<u>43</u>	<u>32</u>	<u>21</u>	<u>10</u>

B. We can also make letter and word patterns like number patterns. Observe and extend.

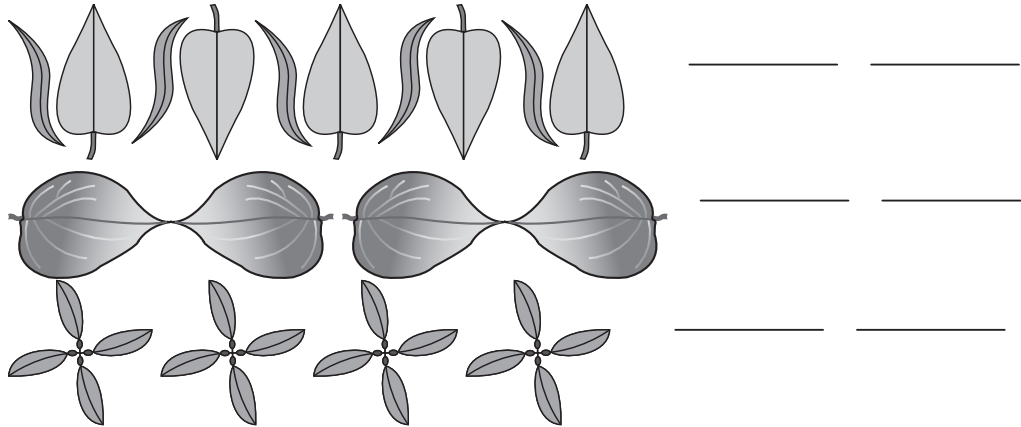
1.	YES	NO	YES	NO	<u>YES</u>	<u>NO</u>	<u>YES</u>	<u>NO</u>	<u>YES</u>
2.	SUN	MOON	SUN	<u>MOON</u>	<u>SUN</u>	<u>MOON</u>	<u>SUN</u>	<u>MOON</u>	<u>SUN</u>



3. AAB	BBC	CCD	<u>DDE</u>	<u>EEF</u>	<u>FFG</u>	<u>GGH</u>	<u>HHI</u>	<u>IJJ</u>
4. AZ	BY	CX	<u>DW</u>	<u>EV</u>	<u>FU</u>	<u>GT</u>	<u>HS</u>	<u>IR</u>
5. A1	B2	C3	<u>D4</u>	<u>E5</u>	<u>F6</u>	<u>G7</u>	<u>H8</u>	<u>I9</u>

**FUN ZONE**

Shilpa has made some patterns by collecting leaves from her garden.



Now, collect some leaves from the school garden or nearby park and make different patterns. Invite your friends to show them.

**Ans.** Do it yourself.

# MODEL TEST PAPER

**A. Write the number names and numerals.**

1. 579      Five hundred seventy nine

1. Two hundred forty-one

241

2. 981      Nine hundred eighty one

2. Eight hundred five

805

**B. Write the place value and the face value of circled digits.**

1. 9(8)5

2. 18(9)

**Ans.** 1. Place value = 80, Face value = 8      2. Place value = 9, Face value = 9

**C. Add the following.**

1. 
$$\begin{array}{r} 1 \\ 84 \\ + 29 \\ \hline 113 \end{array}$$

2. 
$$\begin{array}{r} 81 \\ + 60 \\ \hline 141 \end{array}$$

3. 
$$\begin{array}{r} 1 \\ 863 \\ 119 \\ + 111 \\ \hline 1093 \end{array}$$

4. 
$$\begin{array}{r} 11 \\ 646 \\ 82 \\ + 9 \\ \hline 737 \end{array}$$

**D. Subtract the following.**

1. 
$$\begin{array}{r} 715 \\ ~~85~~ \\ - 6 \\ \hline 79 \end{array}$$

2. 
$$\begin{array}{r} 115 \\ 4~~25~~ \\ - 8 \\ \hline 417 \end{array}$$

3. 
$$\begin{array}{r} 41713 \\ ~~583~~ \\ - 84 \\ \hline 499 \end{array}$$

4. 
$$\begin{array}{r} 71313 \\ ~~843~~ \\ - 376 \\ \hline 467 \end{array}$$

**E. What will be the largest three-digit number using any three digits from 0, 2, 4 and 6 if digits cannot be repeated?**

**Ans.** 642

**F. Fill in the boxes using multiplication tables.**

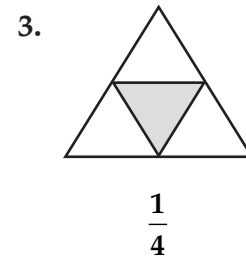
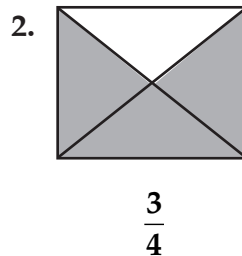
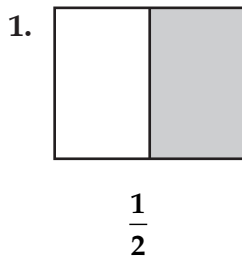
1.  $4 \times 5 = \boxed{20}$

2.  $9 \times 6 = \boxed{54}$

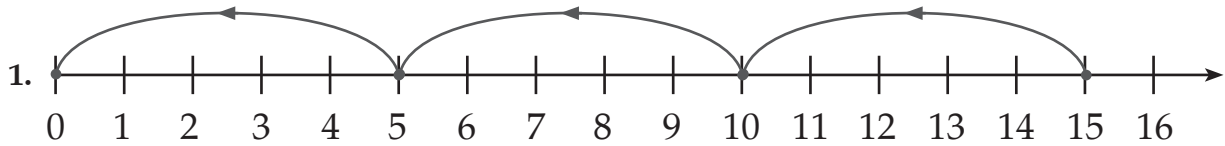
3.  $7 \times \boxed{9} = 63$

4.  $\boxed{10} \times 2 = 20$

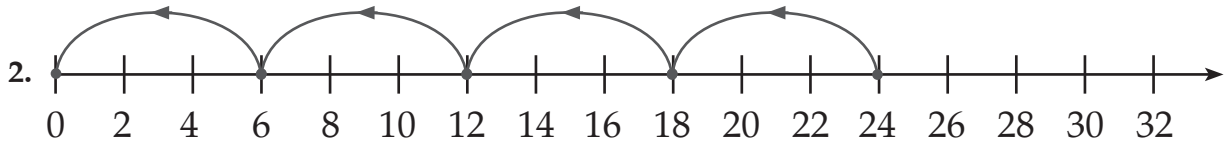
**G. Write the fractions for the shaded parts.**



H. Write the division facts observing the number lines.



$$\boxed{15} \div \boxed{5} = \boxed{3}$$



$$\boxed{24} \div \boxed{6} = \boxed{4}$$

I. Observe the given money and write it in the word and figure.



**₹142.50**

**one hundred forty two rupees fifty paise**

J. Draw the two hands of the clocks to show the time.



4 o'clock



6:00

K. Circle the correct unit to measure:

1. Weight of a boy



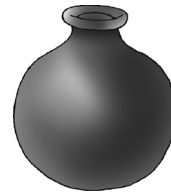
**(kg)** g m L

2. Length of a ribbon



L **(m)** mL kg

3. Capacity of a pitcher



m kg **(L)** cm

L. Use Ginni's calendar to answer the following questions.

DECEMBER						
S	M	T	W	T	F	S
	1 Piano lesson	2	3	4	5 Dentist appoint.	6
7	8 Piano lesson	9	10	11	12	13
14	15 Piano lesson	16	17 Binni's birthday	18	19	20
21	22 Piano lesson	23	24	25 X-mas day	26	27 Art festival
28 Make dinner for dad	29 Piano lesson	30	31			

1. How many piano lessons will Ginni attend this month?

Ans. 5

2. How many days before Binni's birthday has Ginni an appointment with a dentist?

Ans. 12

3. Which day of the week is X-mas day?

Ans. Thursday

M. Is the sequence showing a pattern? Write Yes or No.

1. Day Night Day Night \_\_\_\_\_ Yes

2. 5 25 75 125 500 \_\_\_\_\_ No

N. Write the next three terms in the following patterns.

1. +1    -2    ×3    ÷4    =0    +1    -2    ×3    ÷4

2. ABC    BCD    CDE    DEF    EFG    FGH    GHI    HIJ

3. 1    2    4    7    11    16    22    29    37

**O. In a godown there are 465 bags of wheat and 357 bags of rice. What is the total number of bags in the godown?**

**Ans.** 822 bags

**P. There were 835 students in a school. 248 of them were transferred to other schools. How many students were left in the school?**

**Ans.** 587 students

**Q. Aman collected 5 shells every month in the year 2013. How many shells did Aman collect in the whole year? (1 year = 12 months)**

**Ans.** 60 shells

**R. 70 children and 5 teachers have to go for a picnic. So, 5 vans are arranged to go for the picnic. How many people will be seated in each van?**

**Ans.** 15

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# 1. Our School

## ANSWERS

### WARM UP

What do you like to do in school? Tick (✓) the right box.



### CHECK YOUR STUDY

#### A. Write 'T' for the true and 'F' for the false statements.

1. At kindergarten, children learn by playing.
2. We go to school to play.
3. While going to the classroom, we should move in a queue.
4. Children's Day is celebrated on 5 September.
5. Diwali is our national festival.

True

False

True

False

False

#### B. Answer these questions.

1. What is a primary school?

**Ans.** A school which has classes up to 5 is called a primary school.

2. What is a secondary school?

**Ans.** A school which has classes up to 10 is called a secondary school.

3. What do children do in the morning assembly?

**Ans.** Children say their prayers and sing the national anthem in the morning assembly.

#### C. Think and Answer

Why is school called a child's second home?

**Ans.** A school is called a child's second home because children study, play and learn good habits and manners from their teachers and classmates.

### ACTIVITY

Ask your friend, who studies in another school about his/her school. Prepare a comparative chart covering the following points.

1. No. of students
2. No. of teachers
3. No. of classrooms

**Ans.** Do it yourself.

### LIFE SKILLS

If you find that a certain thing in your book is wrong, what would you do?

(a) Ask the teacher.

(b) Ignore it.



## 2. Festivals

### ANSWERS

#### WARM UP

Students of Class 2 of a school have decided to give gifts to poor street children during a festival. Colour the petals that have things they should offer as gifts.

**Ans.** Do it yourself.

#### CHECK YOUR STUDY

##### A. Tick (✓) the correct answers.

1. Independence Day is celebrated on  
(a) 15 January  (b) 15 August
2. Gandhi Jayanti is celebrated on  
(a) 14 November  (b) 2 October
3. \_\_\_\_\_ is called the festival of lights.  
(a) Diwali  (b) Holi

##### B. Fill in the blanks. Choose the right words from the box.

Diwali Raj Ghat Mahatma Gandhi 25 December Sewain

1. Gandhi Jayanti is the birthday of **Mahatma Gandhi**.
2. **Diwali** is the festival of lights.
3. Christmas is celebrated on **25 December**.
4. **Sewain** is a special sweet dish prepared on Eid.
5. **Raj Ghat** is the *samadhi* of Mahatma Gandhi.

##### C. Match the following.

1. (e) 2. (d) 3. (b) 4. (a) 5. (c)

##### D. Answer these questions.

1. What is a festival?

**Ans.** A festival is a time of fun, joy and celebration.

2. When is Christmas celebrated?

**Ans.** Christmas is celebrated on 25 December every year.

3. Name the national festivals of India.

**Ans.** The Republic Day, the Independence Day and Gandhi Jayanti.

4. How is Republic Day celebrated?

**Ans.** On the Republic Day, a grand parade is held at the Rajpath near the India Gate in New

Delhi.

**E. Think and Answer**

Do you agree that festivals also teach us to love and share? How?

**Ans.** Festivals also teach us to love and share, as they bring a feeling of togetherness, joy and fun.

ACTIVITY

**A. On the calendar, put a red circle over the date on which we have our Republic Day.**

**Ans.** 26 January

**B. Prepare an Independence Day card to be gifted to your friend.**

**Ans.** Do it yourself.

LIFE SKILLS

Let's learn how to make Santa Claus.

**Ans.** Do it yourself.

## 3. Means of Transport

### ANSWERS

#### WARM UP

Match the vehicles with their wheels.

**Ans.** 1. (d) 2. (c) 3. (b) 4. (a)

#### CHECK YOUR STUDY

##### **A. Tick (✓) the correct answers.**

1. Which of these is a means of land transport?

(a) Car

(b) Helicopter

2. Which of these is a means of water transport?

(a) Helicopter

(b) Boat

3. Which is the fastest means of transport?

(a) Train

(b) Aeroplane

##### **B. Answer these questions.**

1. Why do we need a means of transport?

**Ans.** We need a means of transport to travel from one place to another.

2. Which means of transport can be used to go to other countries?

**Ans.** Ship and aeroplane.

##### **C. Do you help your parents in household work?**

(a) Yes

(b) No

##### **D. Think and Answer**

Why is water transport cheap?

**Ans.** The cheapest means of transport for long distances is the water transport or water ways because we don't have to make them. We don't have to spend money to build or maintain waterways.

#### ACTIVITY

Colour the rocket.

**Ans.** Do it yourself.

#### LIFE SKILLS

You are returning from school on your bicycle. Unfortunately, one of its tyres gets punctured. What will you do?

1. Still ride it.

2. Get down and walk with the bicycle to a repairing shop.

## 4. Plants Around Us

### ANSWERS

#### WARM UP

Name these parts of a plant.



FRUIT



SEED



LEAF



FLOWER

#### CHECK YOUR STUDY

##### A. Tick (✓) the correct answers.

1. Which of these is a tree?

(a) neem

(b) rose

2. Which of these is a herb?

(a) spinach

(b) cotton

##### B. Answer these questions.

1. What are shrubs?

**Ans.** Plants that are smaller in size than the trees are called shrubs. They have thin, hard and woody stems.

2. What are herbs?

**Ans.** Herbs are very small plants with green and soft stems.

3. Name the different parts of a plant.

**Ans.** Roots, stem, branches, leaves, flowers and fruits.

##### C. Find out the names of eight plants in this wordsearch.

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

#### D. Think and Answer

Why do creepers grow along the ground?

**Ans.** Creepers have very soft and thin stems. They cannot stand straight.

#### ACTIVITY

Collect some leaves of different shapes and sizes. Stick them with glue to give shapes of different animals, like the one given here.

**Ans.** Do it yourself.

#### LIFE SKILLS

Write yes or no.

1. Do you water plants?
2. Do you pluck flowers?

**Yes**

**No**

# 5. Plants are Useful

## ANSWERS

### WARM UP

Tick (✓) the things we get from plants.

- |          |                                     |         |                                     |           |                                     |
|----------|-------------------------------------|---------|-------------------------------------|-----------|-------------------------------------|
| 1. Milk  | <input type="checkbox"/>            | 2. Egg  | <input type="checkbox"/>            | 3. Wood   | <input type="checkbox"/>            |
| 4. Sugar | <input checked="" type="checkbox"/> | 5. Wool | <input checked="" type="checkbox"/> | 6. Rubber | <input checked="" type="checkbox"/> |

### CHECK YOUR STUDY

A. Tick (✓) the correct answers.

- Wood of this tree is used for making cricket bats.  
(a) willow tree  (b) rubber tree
- We get this from jasmine and rose plants.  
(a) medicine  (b) perfume
- The fibres of this plant are used to make ropes and mats.  
(a) jute plant  (b) mustard plant
- We make furniture from  
(a) rubber  (b) wood
- Leaves of this plant are useful in cold and cough.  
(a) tulsi  (b) mustard

B. Answer these questions.

1. What is jute used for?

**Ans.** Jute is used for making cloth, sacks, ropes and mats.

2. Name two spices.

**Ans.** Clove and cumin.

3. Where do we get rubber from?

**Ans.** We get rubber from the latex of the rubber tree.

4. What is latex?

**Ans.** Latex is a milky white liquid obtained from a rubber tree. It is used to make rubber.

5. Why should we grow more plants?

**Ans.** We should grow more plants because they make the air fresh and clean.

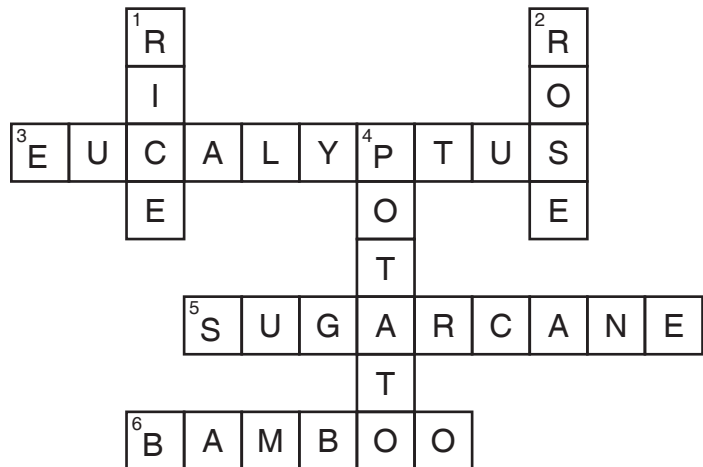
**C. Solve the crossword puzzle.**

**Down**

1. This is a cereal.
2. This flower is used for making perfume.
4. We eat the stem of this plant.

**Across**

3. This is a medicinal plant.
5. The juice of the stem of this plant is very sweet.
6. We get paper from this plant.



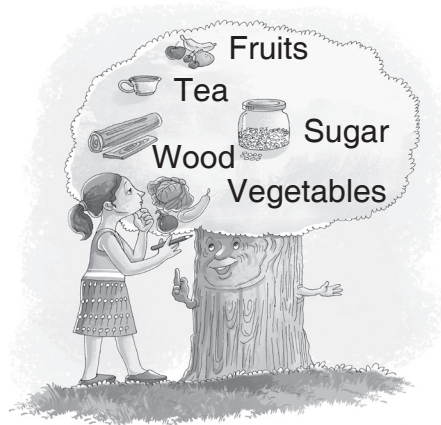
**D. Think and Answer**

How would our food taste if we do not add spices to it?

**Ans.** Our food would become tasteless if we do not add spices to it.

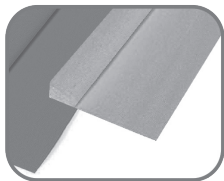
**ACTIVITY**

**A. Complete the names of the things that we get from plants.**

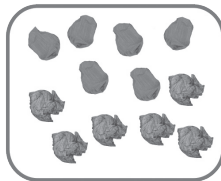


**B. Watermelon**

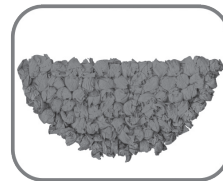
1. Tear and green crepe papers into pieces.
2. Using your thumb and palm, roll these pieces of paper into small balls.
3. Draw a gule and paste these balls on the watermelon you have drawn.



Step 1



Step 2



Step 3

**Ans.** Do it yourself.



## LIFE SKILLS

Plant a sapling on your birthday. Take care of it.

**Ans.** Do it yourself.

# 6. Animals Around Us

## ANSWERS

### WARM UP

Tick (✓) the animals you have seen.

**Ans.** Do it yourself.

### CHECK YOUR STUDY

#### **A. Tick (✓) the correct answers.**

1. Which of these animals is a pet animal?

(a) cat

(b) tiger

2. The cow is a

(a) flesh-eater

(b) plant-eater

3. The lion is a

(a) plant-eater

(b) flesh-eater

#### **B. This animix has body parts of five different animals. Write the names of these animals.**

**Ans.** 1. Lion 2. Elephant 3. Bear 4. Giraffe 5. Snake

#### **C. Answer these questions.**

1. What are domestic animals?

**Ans.** Animals which are kept on farms and help us in doing our work are called domestic animals.

2. Is dog a pet animal?

**Ans.** Dog is a pet animal.

3. Name two plant-eating animals.

**Ans.** Ox and donkey.

4. Name two scavengers.

**Ans.** Vulture and jackal.

#### **D. Recognise the following animals and write their names.**

1. I am a big animal having big ears and a trunk. I love to eat sugarcane.

Who am I? Elephant



2. I have a very long neck and love to eat green leaves.

Who am I? Giraffe



3. I have no legs and crawl on the ground. Man is scared of me. I like to eat frogs and rats.

Who am I? Snake



4. I am white in colour with black stripes on my body. I love to eat leaves and green grass.

Who am I? Zebra



### E. Think and Answer

Why are crow and vulture useful?

**Ans.** Crows and vultures eat the dead birds and animals and help in cleaning up the surroundings.

## ACTIVITY

### A. Here are lines of some poems. Write the animal's name in the blanks.

1. Baa, baa, black **sheep**.  
Have you any wool?
2. Hickory, Dickory Dock, the  
**mouse** ran up the clock.
3. Higgledy Piggledy, my black **hen**.  
she lays eggs for gentlemen.

### B. Tear glazed papers of different colours into small pieces. Paste them on Goofy, the giraffe. Also, colour it using crayons.

**Ans.** Do it yourself.

## PERIODIC TEST 3

### A. Tick (✓) the correct answers.

- |   |                                     |                     |                                     |
|---|-------------------------------------|---------------------|-------------------------------------|
| 1. Nylon, polyester and rayon are                   |                                     |                     |                                     |
| (a) natural fibres                                  | <input type="checkbox"/>            | (b) man-made fibres | <input checked="" type="checkbox"/> |
| 2. Gandhi Jayanti is celebrated on                  |                                     |                     |                                     |
| (a) 14 November                                     | <input type="checkbox"/>            | (b) 2 October       | <input checked="" type="checkbox"/> |
| 3. Talking or watching television while eating is a |                                     |                     |                                     |
| (a) good habit                                      | <input type="checkbox"/>            | (b) bad habit       | <input checked="" type="checkbox"/> |
| 4. Which of these is a pet animal?                  |                                     |                     |                                     |
| (a) Cat   | <input checked="" type="checkbox"/> | (b) Crocodile       | <input type="checkbox"/>            |
| 5. Mules are used in                                |                                     |                     |                                     |
| (a) plain areas                                     | <input type="checkbox"/>            | (b) hilly areas     | <input checked="" type="checkbox"/> |

### B. Fill in the blanks.

1. We get silk from the **silkworm**.
2. **Sloping** roofs are found where it rains heavily.

3. A person who delivers letters and money orders is a **postman**.
4. **Climbers** are plants that have a very weak stem and need support to grow straight.
5. Plant-eaters are also called **herbivores**.

**C. State whether True or False.**

- |  |              |
|--|--------------|
| 1. Train is the fastest means of land transport.     | <u>True</u>  |
| 2. We should follow safety rules at home only.       | <u>False</u> |
| 3. A bear is a carnivore.                            | <u>False</u> |
| 4. The full form of ATM is Automated Teller Machine. | <u>True</u>  |
| 5. Noodles, pizzas and burgers are called junk food. | <u>True</u>  |

**D. Match Column A with Column B.**

Column A	Column B
1. A baby plant	(a) are means of air transport.
2. We should always	(b) live in jungles.
3. Wild animals	(c) are examples of herbs.
4. Aeroplanes and helicopters of a seed.	(d) is a plant that has just come out
5. Coriander, mustard and mint	(e) walk on the footpath.

**E. Answer the following questions.**

1. What are our external organs?

**Ans.** External organs are those body parts that can be seen by us.

2. Name two national festivals.

**Ans.** Republic Day and Independence Day

3. What do we learn in school?

**Ans.** We learn to read and write in school. We also learn good manners in school.

4. What is latex?

**Ans.** Latex is a milky white liquid. It is used to make rubber.

5. Why should we take proper rest?

**Ans.** We should take proper rest in order to be fit and healthy.

# 7. Useful Animals

## ANSWERS

### WARM UP

Tick (✓) the things we get from animals.

- |         |                                     |           |                                     |               |                                     |
|---------|-------------------------------------|-----------|-------------------------------------|---------------|-------------------------------------|
| 1. egg  | <input checked="" type="checkbox"/> | 2. fruits | <input type="checkbox"/>            | 3. vegetables | <input type="checkbox"/>            |
| 4. milk | <input checked="" type="checkbox"/> | 5. wool   | <input checked="" type="checkbox"/> | 6. honey      | <input checked="" type="checkbox"/> |

### CHECK YOUR STUDY

**A. Match the animals with their products.**

**Ans.** 1. (d) 2. (a) 3. (b) 4. (c)

**B. Answer these questions.**

1. Where do we get milk from?

**Ans.** We get milk from cow, buffalo and goat.

2. Where do we get silk from?

**Ans.** We get silk from silkworms.

3. Name any four animals that are used to carry loads.

**Ans.** Horse, camel, donkey and mule.

**C. Complete the word ladder with the help of the given clues.**

**Across**

3. A sea animal that is eaten as food.

4. A sea animal that is eaten as food.

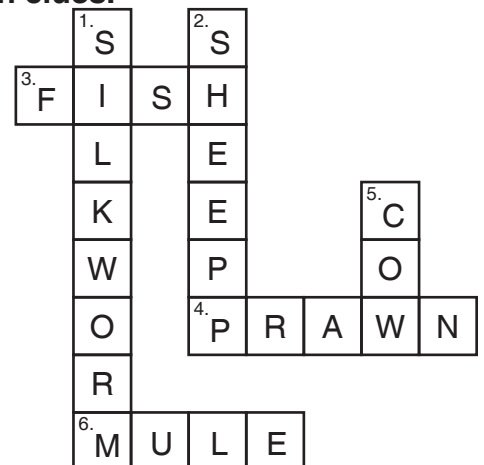
6. An animal that is used to carry load.

**Down**

1. An animal that gives us silk.

2. Hair of this animal is used to make wool

5. This domestic animal gives us milk.



**D. Think and Answer**

Why is the camel so useful in the deserts?

**Ans.** The camel is so useful in the deserts because it can live without water for many days. It can walk in the heat without any problem.

### ACTIVITY

Animal cartoons entertain us a lot. Can you name these cartoon characters?



Donald Duck



Mickey Mouse

## LIFE SKILLS

Should we give food to the animals in the zoo?

(a) yes

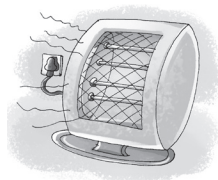
(b) no

# 8. Air, Air Everywhere

## ANSWERS

### WARM UP

Sia has returned from school. It is too hot outside. What does she need? Tick (✓) the correct pictures.



### CHECK YOUR STUDY

#### A. Tick (✓) the correct answers.

1. Do plants need air?

(a) yes

(b) no

2. \_\_\_\_\_ is required for burning.

(a) water

(b) air

#### B. Answer these questions.

1. What is wind?

**Ans.** Moving air is called the wind.

2. Can plants live without air?

**Ans.** No, plants cannot live without air.

3. Why does a balloon become larger when it is blown?

**Ans.** A balloon becomes larger when it is blown because the air fills the space inside the balloon.

#### C. Think and Answer

Why is fresh air good for us?

**Ans.** Fresh air is good for us because it keeps us healthy and fit.

### ACTIVITY

Lead Mini to the place where the air is clean.

**Ans.** Do it yourself.

## LIFE SKILLS

Write yes or no.

1. Do you burn fire-crackers?

**Ans.** No

2. Do you burn bits of paper?

**Ans.** No

3. Do you throw waste in the dustbin?

**Ans.** Yes



# 9. Water for All

## ANSWERS

### WARM UP

You have some excess water in your bottle. Where should you pour it out?



### CHECK YOUR STUDY

#### A. Tick (✓) the correct answers.

1. All water comes from

(a) rain

(b) handpump

2. Rainwater collects in

(a) ponds

(b) taps

3. Water from this source is not clean.

(a) tubewell

(b) river

#### B. Answer these questions.

1. Why do living things need water?

**Ans.** All living things need water to in order to live.

2. How do we get underground water?

**Ans.** Rainwater goes into the soil. This water collects under the ground. We dig wells and tubewells to get this underground water.

3. How does water become dirty?

**Ans.** Water becomes dirty due to the following activities:

- Throwing garbage into water bodies.
- Washing clothes near water bodies.
- Bathing animals in water bodies.

#### C. Write True or False.

1. Only human beings drink water.

False

2. Without water no one can live.

True

3. Some rainwater goes into the soil.

True

4. We should drink clean water.

True

#### D. Think and Answer

How can we save water? Discuss any one way.

**Ans.** Water is precious. One way of saving water is turn off the tap, while brushing your teeth.

### ACTIVITY

Write a slogan on how to save water.

**Ans.** Do it yourself.

### LIFE SKILLS

Write yes or no.

1. Do you keep the tap open while brushing teeth?
2. Do you flush the pot unnecessarily?
3. Do you make water dirty by throwing waste into it?

**Ans.** No

**Ans.** No

**Ans.** No

# 10. Directions

## ANSWERS

### WARM UP

Can you tell the full form of NEWS?

North    South    East    West

### CHECK YOUR STUDY

#### A. Tick (✓) the correct answers.

1. The sun rises in the

(a) west

(b) east

2. The number of main directions is

(a) two

(b) four

#### B. Name the four directions.

**Ans.** East, west, north and south.

#### C. Look at the diagram. Write the four directions correctly.

**Ans.** Do it yourself.

#### D. Think and Answer

How is a map useful to us?

**Ans.** A map represents the whole world on a small scale. It helps to locate places.

### ACTIVITY

Mohan, a farmer, is standing in the middle of his field. Around him are his tractor, cow, donkey and hut. Now, fill in the blanks. One has been done for you.

1. The hut is to the **west** of Mohan.
2. The donkey is to the **north** of Mohan.
3. The cow is to the **south** of Mohan.
4. The tractor is to the **east** of Mohan.

# 11. Seasons

## ANSWERS

### WARM UP

Can you name this season?

Rainy season



### CHECK YOUR STUDY

#### A. Tick (✓) the correct answers.

1. It is cold during the

(a) summer season

(b) winter season

2. It is hot during the

(a) summer season

(b) winter season

3. We have \_\_\_\_\_ main seasons in India.

(a) three

(b) four

#### B. Fill in the blanks. Choose the right words from the box.

weather      summer      monsoon

1. The rainy season is also called the **monsoon**.

2. People like cold drinks during the **summer** season.

3. When the **weather** remains the same for a long time, it is called a season.

#### C. Answer the following questions.

1. Write the names of the main seasons of India.

**Ans.** Winter, summer and the rainy seasons.

2. How do people keep themselves cool in summer?

**Ans.** People keep themselves cool in summer by wearing light, cotton clothes; using coolers and air-conditioners and enjoying cold drinks.

#### D. Think and Answer

Which is the most important season for the farmers and why?

**Ans.** The rainy season is the most important season for the farmers because it helps them in agriculture.

## ACTIVITY

- A. Paste cotton on the body of the snowman and colour the hat, face and muffler. Paste stars around the snowman as shown.**

**Ans.** Do it yourself.

- B. Colour the picture.**

**Ans.** Do it yourself.

## LIFE SKILLS

**Name three vegetables and fruits of winter and three each of summer.**

<b>Summer Fruits</b>	<b>Watermelon</b>	<b>Muskmelon</b>	<b>Mango</b>
<b>Summer Vegetables</b>	<b>Lady's finger</b>	<b>Bottle gourd</b>	<b>Pumpkin</b>
<b>Winter Fruits</b>	<b>Apple</b>	<b>Orange</b>	<b>Grapes</b>
<b>Winter Vegetables</b>	<b>Cabbage</b>	<b>Radish</b>	<b>Carrot</b>

# 12. Time

## ANSWERS

### WARM UP

Can you name this object?



Sand clock

### CHECK YOUR STUDY

#### A. Tick (✓) the correct answers.

1. The sun rises in the

(a) evening

(b) morning

2. How many days are there in a week?

(a) 8

(b) 7

3. A year has

(a) 10 months

b. 12 months

#### B. Write the missing names of the months.

January

**February**

March

**April**

May

**June**

July

**August**

**September**

October

**November**

December

#### C. Read the time on the clocks.



8:25



3:00



10:10

#### D. Think and Answer

What is a leap year?

**Ans.** A leap year has 366 days and it occurs once in every four years. Also, February has 29 days.

### ACTIVITY

Learn the poem.

**Ans.** Do it yourself.

### LIFE SKILLS

Fill in the blanks.

**Ans.** Early to **bed** and **early** to rise makes a **man** healthy, **wealthy** and **wise**.

## MODEL TEST PAPER

### A. Tick (✓) the correct answers.

- |   |                                     |                   |                                     |
|---|-------------------------------------|-------------------|-------------------------------------|
| 1. This organ helps us to get rid of waste from our body. |                                     |                   |                                     |
| (a) Heart   | <input type="checkbox"/>            | (b) Kidney        | <input checked="" type="checkbox"/> |
| 2. Nomads live in a                                       |                                     |                   |                                     |
| (a) bungalow  | <input type="checkbox"/>            | (b) caravan       | <input checked="" type="checkbox"/> |
| 3. We should go to bed                                    |                                     |                   |                                     |
| (a) early at night  | <input checked="" type="checkbox"/> | (b) late at night | <input type="checkbox"/>            |
| 4. We wear cotton clothes during                          |                                     |                   |                                     |
| (a) winter  | <input type="checkbox"/>            | (b) summer        | <input checked="" type="checkbox"/> |
| 5. This plant has thorns on it.                           |                                     |                   |                                     |
| (a) Rose plant  | <input checked="" type="checkbox"/> | (b) Banana plant  | <input type="checkbox"/>            |

### B. Fill in the blanks.

1. A seed grows into a **plant**.
2. A tent is made of **canvas**.
3. The time after 12 o'clock is called **afternoon**.
4. We have **three** main seasons in India.
5. A train that carries only goods is called a **goods** train.

### C. State whether True or False.

- |   |              |
|---|--------------|
| 1. Gandhi Jayanti is a religious festival.          | <u>False</u> |
| 2. A gardener looks after the plants in our garden. | <u>True</u>  |
| 3. Smoke causes water vapour.                       | <u>False</u> |
| 4. We should not take a bath after a swim.          | <u>False</u> |
| 5. Spring is a pleasant season.                     | <u>True</u>  |
| 6. Some rainwater goes into the soil.               | <u>True</u>  |

### D. Match Column A with Column B.

- | Column A                        | Column B                    |
|---------------------------------|-----------------------------|
| 1. 5 September is celebrated    | (a) respect their parents.  |
| 2. The police                   | (b) in the autumn season.   |
| 3. Children should always       | (c) 12 months.              |
| 4. Most trees shed their leaves | (d) help to maintain peace. |
| 5. A year has                   | (e) as Teacher's Day.       |

**E. Answer the following questions.**

1. How does the electrician help us?

**Ans.** An electrician fits and repairs our electric wiring and appliances.

2. Which animals give us milk and eggs?

**Ans.** The cow and buffalo give us milk. Hens and ducks give us eggs.

3. Name the seven days of the week.

**Ans.** The seven days of the week are: Sunday, Monday, Tuesday, Wednesday, Thursday, Friday and Saturday.

4. How can we save water?

**Ans.** We can save water by closing the taps after use. We should get the leaking taps repaired.

5. Write the names of two scavengers.

**Ans.** Vulture and hyaena.

6. How do people keep themselves cool in summer?

**Ans.** People keep themselves cool in summer by wearing cotton clothes.

7. Name the four main directions.

**Ans.** North, East, West and South.

**F. Identify the following pictures.**



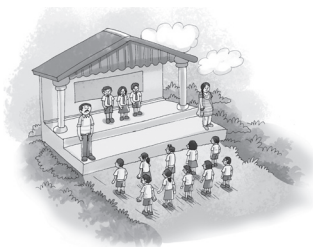
1. Soldier



2. Rainy season



3. Caravan



4. School



5. Spring season