# Items for Assessment of Learning Outcomes







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#### **CHAPTER I**

#### What is Long, What is Round

#### **LEARNING OBJECTIVES**

• Matches and sorts everyday 3D objects and common 2D shapes based on observable features

### LEARNING OUTCOMES

- Describes basic 3D and 2D shapes with their observable characteristics
- Identifies basic 3D shapes such as cuboid, cylinder, cone and sphere by their names
- Distinguish between straight and curved lines Draws / represent straight lines in various orientations (vertical, horizontal, slant).

# Q 1.The figure given is made up of some semicircles. How many circles can be made from them?



#### Q 2. What shape is this?





### Q 3. Look at the two shapes. Which of the following is NOT true?



- (a)They are both triangles.
- (b) They are the same size.
- (c) They have the same number of sides.
- (d) They have the same number of corners.

## CHAPTER II Counting in Groups

#### **LEARNING OBJECTIVES**

- Numerals (1 to 99): Counts (concretely, pictorially & symbolically) and recites number names.
- Numerals (1 to 50): Recognizes and write numerals
- Numerals (51 to 99): Recognizes and write numerals
- Numerals (1 to 50): Completes number sequences by counting onwards and backwards (without skips)
- Numerals (51 to 99): Completes number sequences by counting onwards and backwards (without skips)
- Numerals (1 to 99): compares groups and numbers and understands < and > symbols
- Numerals (1 to 99): Sequence numbers in increasing or decreasing order

#### LEARNING OUTCOME

- Works with two digit numbers.
- Reads and writes numerals up to 99.

#### Q 1. Choose the correct number name for 23

a. Twelvec. Twenty-twob. Twenty-sevend. Twenty-three

#### Q 2. Choose the correct number name for 44

a. Elevenb. Forty-fourc. Twenty-threed. Twenty-seven

#### **Q 3.** Write the numeral for Sixty-Eight

a.	66	c. 67
b.	68	d. 58

#### Q 4. Write the numeral for Eighty-Two

a.	82	c. 72
b.	62	d. 52

c.

#### Q5. Choose the correct number name for 72

a.	Twelve	c. Fifty
b.	Seventy-two	d. Twenty-seven

#### Q 6. Choose the correct numeral for forty-two

a.	42	c. 22
b.	32	d. 40

## Q 7. What comes just after 64 ?

a.	61c. 63		
b.	79	d.	65

#### **Q 8.** Fill in the blanks.

78, \_\_\_\_\_,80, \_\_\_\_\_,82

a.	90,79	c. 77,79
b.	79,81	d.81,83

#### Answers:

1- (d) 2- (b) 3- (b) 4- (a) 5- (b) 6- (a) 7- (d) 8- (b)

#### **CHAPTER III**

#### How much can you carry

#### **LEARNING OBJECTIVES**

- Compares weights of everyday objects in relative terms (concrete, pictorial)
- Compares and orders relative weights of everyday objects using a simple balance.

#### **LEARNING OUTCOMES**

• Compares objects as heavier/lighter than using simple balance.

#### Q 1. Which of the following is the longest?

- (a) Paintbrush (c) door
- (b) Pencil (d) Scale

#### Q 2. Look at the image and tell which is the heaviest?



(b)



## Q 3. Which container can hold maximum water?

(a) Water bottle

- (c) Glass(d) Spoon
- (b) Watertank (d) Spoo
- Q 4. Which is the most appropriate object to measure the weight of a water melon?







(b)

(d) None

#### Answers:

1- (c) 2- (c) 3- (b) 4- (a)

## **CHAPTER IV** Counting in Tens

#### **LEARNING OBJECTIVES**

- Counts up to 100 by grouping in 10s
- Composes and decomposes 2- digit numbers into 10s and 1s (concrete, pictorial)
- Composes and decomposes 2- digit numbers into 10s and 1s (numerical)
- Compares 2- digit numbers using place value.

#### **LEARNING OUTCOMES**

- Works with two-digit numbers
- Reads and writes numerals for numbers up to99
- Uses place value in writing and comparing two-digit numbers.
- Forms the greatest and smallest two-digit numbers (with and without repetition of given digits)
- Solves simple daily life problems/situations based on addition of two-digit numbers
- Solves daily life situations based on subtraction of two- digit numbers Represents an amount up to Rs. 100 using 3-4 notes and coins (of same / different denominations of play money

#### Q 1. In which number 2 is at the place of tens.

a.	62	c. 18
b.	23	d. 92

# Q 2. The difference between the largest one-digit number and the largest 2- digit number is

a.	1	c. 90
b.	99	d. 91

#### Q 3. In which number 6 is at the place of ones

a.	7	c. 63
b.	34	d. 96

# Q 4. Which is the smallest number among the following 89, 73, 18, 27, 9, 65

a.	18	c. 27
b.	65	d. 9

#### Q 5. Which is the greatest 2-digit number using the digits 6 and 7

a.	67	c. 70
b.	76	d. 60

#### Q 6. Which is the smallest 2-digit number using digits 8 and 9

a.	80	c. 8	39
b.	98	d. 1	8

Q 7. Ramu's father gave him ₹90. He spends ₹33 and puts the remaining amount in his piggy bank. How much money did he put in piggy bank?

a.	53	c. 55
b.	57	d. 59

#### Answers:

1- (b) 2- (c) 3- (d) 4- (d) 5- (b) 6- (c) 7- (b)

#### CHAPTER V Patterns

#### **LEARNING OBJECTIVES**

- Numerals (1-100): Completes numbers sequence with skip counting forward in 2s, 5s, 10s
- Numerals (1-100): Completes numbers sequence with skip counting forward in 3s and 4s
- Numerals (1-100): Completes numbers sequence with skip counting backward in 3s and 4s

#### **LEARNING OUTCOMES**

- Works with two-digit numbers
- Reads and writes numerals for numbers up to99
- Uses place value in writing and comparing two-digit numbers.
- Forms the greatest and smallest two-digit numbers (with and without repetition of given digits)
- Solves simple daily life problems/situations based on addition of two-digit numbers
- Solves daily life situations based on subtraction of two- digit numbers Represents an amount up to Rs. 100 using 3-4 notes and coins (of same / different denominations of play money

#### Q1. Choose the option that completes pattern. 92, 89, 86, 83, 80\_\_\_\_

a.	76	c. 78
b.	77	d. 79

#### Q 2. Choose the option that completes pattern. 10, 20, 30, 40, 50\_\_\_\_

a.	70	c. 60
b.	90	d. 100

#### Q 3. Find which does not follow a pattern.

a.	70 + 9	c. 80 + 9
b.	90 + 10	d. 100 + 9

#### Q 4 Out of 38 students,25 students are present. How many students are absent?

a.	11	c. 12
b.	13	d. 14

Q 5. What is the total amount Geeta had if her mother gave her the following notes and coins.



Q 6. Read and write what comes next : 5A 6B 7C \_\_\_\_

(a) 9A (b) 8B (c) 6D (d) 8D

#### **Answers:**

1- (b) 2- (c) 3- (b) 4- (b) 5- (c) 6- (d)

#### **CHAPTER VI**

#### Footprints

#### **LEARNING OBJECTIVES**

- Traces 2D images of 3D objects and compares the shape, size and orientation of the images
- Names and classifies common 2D shapes (circle, rectangle, square, triangle) by their key features
- Describes the key, differentiating features of common 2D shapes and draws these shapes
- Identifies and counts simple 2D shapes within an image; and creates own images using 2D shapes
- Classifies 3D objects on the basis of match of the shape of their trace with identified 2D shapes (triangle, circles, rectangle, square)
- Recognizes common 3D-shapes by name (cuboid, cylinder) and establishes correspondence with everyday objects
- Recognizes common 3D-shapes (cone, sphere) and establishes correspondence with everyday objects
- Describes common 3D objects using key vocabulary

#### LEARNING OUTCOMES

- Describes basic 3D and 2D shapes with their observable characteristics
- Identifiesbasic3d-shapessuchascuboid,cylinder,cone and sphere by their names
- Distinguishes between straight and curved lines Draws/represents straight lines in various orientations (vertical, horizontal, slant)

#### Q 1. What is the name of this shape?



(a) Cylinder(b) Cube(c) Cuboid(d) None

#### Q 2. How many flat surfaces does the given figure have?



Q 3. Identify the figure given below and choose the answer from the options given below.



- (a) Horizontal line (b) vertical line
- (c) Straight line (d) Curved and Horizontal lines

#### Q 4. How many rectangles are present in the given figure?



(c) 3 (d) 4

# **Q 5.** How many curved lines are there in the given figure?





Answers:

1- (a) 2- (b) 3- (d) 4- (c) 5- (d)

#### **CHAPTER VII**

#### Jugs and Mugs

#### **LEARNING OBJECTIVES**

- Measures capacities of everyday objects using nonstandard units.
- Compares capacities of everyday objects and orders them using nonstandard units.
- Appreciate the principle of volume conservation (liquids).
- Estimates capacities of different everyday objects as well as water consumption in daily activities.

#### **LEARNING OUTCOMES**

• Estimates and measures length / distances and capacities of containers using uniform non-standard units like a rod / pencil, cup / spoon / bucket etc.

#### Q 1. Rahul had a bucket full of 20 L water. It is telling about its \_\_\_\_\_.

- (a) Weight (b) length
- (c) Capacity (d) None of these

#### Q 2. The object that can be measured in kg is \_\_\_\_\_.

(a) Vegetable (b) Cloth

(c) Milk (d) None of the above

#### Q 3. How can you measure length of your class room accurately and faster?

- (a) Hand span (b) Pace
- (c) foot span (d) metre tape

#### Q 4. Which of the following can be used to roughly measure the length of a book?



(d) All of these

# Q 5. Which food is the heaviest?

(a) Banana	(b) Pumpkin

(C) Apple (d) Cauliflower

#### **Answers:**

1- (c) 2- (a) 3- (d) 4- (b) 5- (b)

#### **CHAPTER VIII**

#### **Tens and Ones**

#### **LEARNING OBJECTIVES**

• Represents an amount (up to ₹ 99) using 10 rupees and 1 rupee

#### LEARNING OUTCOMES

- Works with two-digit numbers
- Reads and writes numerals for numbers up to99
- Uses place value in writing and comparing two-digit numbers.
- Forms the greatest and smallest two-digit numbers(with and without repetition of given digits)
- Solves simple daily life problems/situations based on addition of two-digit numbers
- Solves daily life situations based on subtraction of two- digit numbers Represents an amount up to Rs. 100 using 3-4 notes and coins (of same / different denominations of play money

#### Q 1. ₹ 50 note can be changed for how many ₹ 10 notes?

(a) 4	(c) 5
(b)2	(d) 1

#### Q 2. Ram bought a teddy of ₹30 and a pencil box of ₹25. How much did he pay?



Q 4. Sangita had ₹ 50. She purchased one eraser of ₹ 3. How much money she will get back?

(a) ₹ 40	(c) ₹ 42
<b>(b)</b> ₹47	(d) ₹ 30

Q 5. ₹20 note is equal to \_\_\_\_\_₹ 5 notes.

(a) Five	(c) three
(b) four	(d) two

Q 6. There are 43 students in class 2. We have to make groups. Each group has 10 students.

How many groups can be made? \_\_\_\_\_

How many students left? \_\_\_\_\_

(a) 4, 0 (b) 4, 2 (c) 4, 3 (d) 3, 4

#### Answers:

1- (c) 2- (d) 3- (d) 4- (b) 5- (b) 6- (c)

#### **CHAPTER IX**

#### My Funday

#### **LEARNING OBJECTIVES**

- Recognize, sequences and writes the days of the week
- Recognizes, sequences and writes months of the year
- Compare the duration of different months

#### **LEARNING OUTCOMES**

- Identifies the days of the week and months of the year
- Sequences the events occurring according to their duration in terms of hours per days?

#### Q 1. How many days were there in February 2008?

(a) 28	(c) 29
(b) 30	(d) 31

#### Q 2. Navya was born on the 29th of February. When does her birthdate come?

(a) Every year	(c) Twice in a year
(b) After every four years	(d) After every two years

#### Q 3. How many months in a year have 31 days?

(a) 8	(c) 7
(b) 6	(d) 5

#### Q 4. How many months in a year have 30 days?

(a) 5	(c) 4
(b) 6	(d) 1

#### Q 5. What month does not have 30 or 31 days?

(a) January	(c) February	
(b) September	(d) March	
Q 6. Which day will come	after Friday?	
(a) Wednesday (b) Sa	turday (c) Wednesday	(d) Sunday

#### Answers:

1- (c) 2- (b) 3- (c) 4- (c) 5- (c) 6- (b)

#### **CHAPTER X**

#### Add our points (sum up to 99)

#### **LEARNING OBJECTIVES**

- Adds 2-digit numbers horizontally without regrouping (sum not exceeding 99)
- Adds 2-digit numbers in vertical algorithm without regrouping (sum not exceeding 99)
- Identifies missing addend in 2-digit addition statements
- Adds 3 one-digit numbers and understands that addition is associative (pictorially and numerically)
- Decompose numbers into a combination of 3 one-digit numbers (sum up to 20)

#### LEARNING OUTCOMES

- Works with two-digit numbers
- Reads and writes numerals for numbers up to99
- Uses place value in writing and comparing two-digit numbers.
- Forms the greatest and smallest two-digit numbers(with and without repetition of given digits)
- Solves simple daily life problems/situations based on addition of two-digit numbers
- Solves daily life situations based on subtraction of two- digit numbers
- Represents an amount up to ₹100 using 3-4 notes and coins (of same / different denominations of play money

#### Q 1. 68 has 8 ones and \_\_\_\_\_ tens.

(a) 2	(c) 4
(b) 6	(d) 8

#### Q 2. Which one of the following is the nearest ten for 18?

(a) 10	(c) 20
(b) 30	(d) 40

#### **Q** 3. The smallest two digit number is \_\_\_\_.

(a) 10	(c) 20
(b) 12	(d) 15

#### Q 4. Write the smallest 3 digit numbers formed by using the following digits. 6,1, 2

(a) 126	(c) 162
(b) 621	(d) 261

## Q 5. Write the largest 3-digit numbers formed by using the following digit. 7, 9, 8

(a) 987	(c) 978
(b) 879	(d) 789

### Q 6. Add

1 + 8 + 9 =\_\_\_\_\_

(a) 15 (b) 19 (c) 18 (d) 20

#### Answers:

1- (b) 2- (c) 3- (a) 4- (a) 5- (a) 6- (c)

#### CHAPTER XI Lines and Lines

#### **LEARNING OBJECTIVES**

- Identifies and draws straight lines in different orientations (vertical, horizontal, slanting).
- Differentiates between straight lines and curved lines and recognizes shapes with straight and curved lines
- Creates shapes and images using straight lines and curved lines (concrete, pictorial)

### LEARNING OUTCOMES

- Describes basic 3D and 2D shapes with their observable characteristics
- Identifiesbasic3d-shapessuchascuboid,cylinder,cone and sphere by their names
- Distinguishes between straight and curved lines
- Draws/represents straight lines in various orientations (vertical, horizontal, slant)

#### Q 1. How many straight lines does the given figure has?



(a) 10	(c) 13
(b) 12	(d) 15

### Q 2. How many curved lines are there in the given figure?



(a) 4	(c) 3
(b) 2	(d) 5

Q 3.Given figure is formed by 2 curved lines and \_\_\_\_\_\_ straight lines.



(a) 6	(c) 7
(b) 8	(d) 5

Q 4. How many curved lines are there in the given figure?



Q 5.Sonika has 6 toothpicks of same size. She made a figure using the toothpicks so that it has 4 slanting and 2 standing lines. Which of the following can be her picture?



#### Answers:

1- (a) 2- (d) 3- (a) 4- (b) 5- (c)

#### **CHAPTER XII**

#### Give and Take (sum up to 99)

### LEARNING OBJECTIVES

- Adds 2-digit numbers horizontally with regrouping (sum not exceeding 99)
- Adds 2-digit numbers in vertical algorithm with regrouping (sum not exceeding 99)
- Uses addition of 2-digit numbers with and without regrouping (sum not exceeding 99) to solve problems in day to day life.
- Subtracts 2-digit numbers horizontally without regrouping
- Subtracts 2-digit numbers in vertical algorithm without regrouping
- Subtracts 2-digit numbers horizontally with regrouping (with concrete and pictorial support)
- Subtracts 2-digit numbers in vertical algorithm with regrouping (with concrete and pictorial support)
- Uses subtraction of 2-digit numbers with and without regrouping in solving problems in day to day life.

## LEARNING OUTCOMES

- Works with two-digit numbers
- Reads and writes numerals for numbers up to99
- Uses place value in writing and comparing two-digit numbers.
- Forms the greatest and smallest two-digit numbers(with and without repetition of given digits)
- Solves simple daily life problems/situations based on addition of two-digit numbers
- Solves daily life situations based on subtraction of two- digit numbers
- Represents an amount up to Rs. 100 using 3-4 notes and coins (of same / different denominations of play money

# Q 1. There are 15 English books and 12 Hindi books in a rack. How many total English and Hindi books are present in the rack?

(a) 26	(c)24
(b) 27	(d)25

# Q 2. Sonu had ₹ 50 in his wallet. He went to a shop to purchase a notebook of ₹ 65. How much less amount Sonu had to purchase the notebook?

(a) 14	(c) 15
(b) 40	(d) 20

Q 3. I am having a number of lottery ticket which has 4 tens and 3 ones. What is the number?

(a) 34	(c) 43
(b) 14	(d) 13

Q 4. Sameer has 40 pencils in a box. Joy has 28 pencils in another box. How many pencils do Sameer and Joy have in all?

(a) 88	(c) 78
(b) 68	(d) 58

Q 5. Ravi invited 67 friends on his birthday. Only 44 of them came. How many friends did not come?

(a) 25	(c) 13
(b) 21	(d) 23

#### Answers:

1- (b) 2- (c) 3- (c) 4- (b) 5- (d)

### CHAPTER XIII

#### The Longest Step

### **LEARNING OBJECTIVES**

- Measures and compares length/distance using non-standard units
- Begins to appreciate that the length of objects remains the same when moved (Length Conservation)
- Compares and states the difference in lengths/distance using non standard units.

#### LEARNING OUTCOMES

• Estimates and measures length / distances and capacities of containers using uniform non-standard units like a rod / pencil, cup / spoon / bucket etc.

#### Q 1. Which container will hold the maximum water?









(a) Pot (b) Jug (c) Drum(d) Glass

#### Q 2. Which tool could I use to measure length of a cloth?

- (a) Clock(b) Thermometer
- (c) Metre Scale(d) Ruler
- Q 3. Maggie wants to measure the length of an ant.



### Which tool should Maggie use?

- (a) Yardstick (c) Scale
- (b) Measuring cup (d) Handspan

# Q 4. Match the objects in List I with the standard unit used for their measurement in List

List I		List II
A. 👻	1.	Meter
B.	2.	Kilometer
c.	3.	Litter
D.	4.	Centimeter

(a) <b>A-2</b>	<b>B-1</b>	C-4	<b>D-4</b> (c) <b>A-1</b>	B-3	C-4	<b>D-2</b>
(b) <b>A-4</b>	<b>B-2</b>	C-1	<b>D-3</b> (d) <b>A-3</b>	<b>B-4</b>	C-2	D-1

#### Answers:

1- (c) 2- (d) 3- (c) 4- (d)

#### CHAPTER XIV

#### **Birds Come, Birds Go**

#### **LEARNING OBJECTIVES**

- Adds 2-digit numbers in vertical algorithm with regrouping without concrete and pictorial support (sum not exceeding 99)
- Subtract 2-digit numbers in vertical algorithm with regrouping without concrete and pictorial support.
- Matches real life problems to correct number statement (addition and subtraction, 2-digit numbers).
- Solves problems based on real-life situations using both addition and subtraction of 2 digit numbers
- Represents 2-digit numbers using multiple combinations of smaller numbers

#### **LEARNING OUTCOMES**

- Works with two-digit numbers
- Reads and writes numerals for numbers up to99
- Uses place value in writing and comparing two-digit numbers.
- Forms the greatest and smallest two-digit numbers(with and without repetition of given digits)
- Solves simple daily life problems/situations based on addition of two-digit numbers
- Solves daily life situations based on subtraction of two- digit numbers
- Represents an amount up to Rs. 100 using 3-4 notes and coins (of same / different denominations of play money

# Q 1. Rekha buys 41 marbles on Monday and 30 marbles on Tuesday. How many marbles does she have in all?

(a) 81	(c) 85
(b) 71	(d) 61

Q 2. A shopkeeper sold 27 toys in the first week and 32 toys in the second week. The total number of toys sold in these two weeks are \_\_\_\_\_

(a) 50	(c) 59
(b) 69	(d) 65

Q 3. Mala bought eggs from a shop for ₹ 78. She gives a 100 rupee note to the shopkeeper. How much money will the shopkeeper return to Mala ?

(a) 22	(c) 30
(b) 28	(d) 78

#### Q 4. Ramesh had 77 eggs. He sold 16 eggs. How many eggs are left with Ram?

(a) 79	(c) 69
(b) 61	(d) 93

#### Q 5. How many notes of ₹ 20 will make ₹ 100?

(a) 5	(c) 8
(b) 6	(d) 9

#### Answers:

1- (b) 2- (c) 3- (a) 4- (b) 5- (a)

#### CHAPTER XV

#### How many ponytails

#### **LEARNING OBJECTIVES**

- Records data using tally marks, simple tables and pictographs
- Interprets data and answers questions on simple tables and pictographs

#### LEARNING OUTCOMES

• Draws inference based on the data collected such as the number of vehicles used in Samir's house is more than that in Angelina's

# The pictograph shows the number of star stickers achieved by 5 different children in a month. Study the graph and answer the following questions.

Ali	**
Anshu	***
Joy	*
Mary	****
Mona	**
EACH	<b>STANDS FOR 3 STAR STICKERS</b>

#### Q 1. Which two children got same number of stars?

- (a) Mary And Ali
- (b) Mary And Anshu
- (c) Ali And Mona
- (d) Ali And Joy

#### Q 2. Ali, Anshu And Joy Got ----- Stars Altogether.

- (a) 16
- (b) 12
- (c) 18
- (d) 11

#### Q 3. Who Got Minimum Stars?

(a) Mary	(C) Mona
(b) Anshu	(D) Joy

#### Q 4. Mona and Ali got ----- stars altogether.

- (a) 12
- (b) 15
- (c) 21
- (d) 10

#### Q 5. Who got maximum stars?

- (a) Mary
- (b) Anshu
- (C) Mona
- (D) Joy

#### Q 6. Mary and Ali got ----- stars altogether.

- (a) 12
- (b) 15
- (c) 21
- (d) 18

#### Q 7. Mary and Mona got ----- stars altogether.

- (a) 6
- (b) 15
- (c) 12
- (d) 18

#### **Answers:**

1- (c) 2- (c) 3- (d) 4- (a) 5- (a) 6- (d) 7- (d)

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"Live as if you were to die tomorrow. Learn as if you were to live forever"

- Mahatma Gandhi

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