# Chapter 8: Fun with Numbers

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## Exercise 8.1 — Numbers 21 to 30 — Write in order

Q1 Write the numbers from 21 to 30 in the correct order. Some numbers are given: 21, 22, 23, 25, 27, 30. Fill in the missing numbers.

SOLUTION

The sequence from 21 to 30 is: 21, 22, 23, 24, 25, 26, 27, 28, 29, 30.

Missing numbers: 24, 26, 28, 29.

## Exercise 8.2 — Numbers 31 to 50 — Count flowers and neem daatun

Q1 Count and write the numbers from 31 to 50. Write each number and its name (e.g. 31 — Thirty One, 32 — Thirty Two, … 50 — Fifty).

SOLUTION

31 — Thirty One
32 — Thirty Two
33 — Thirty Three
34 — Thirty Four
35 — Thirty Five
36 — Thirty Six
37 — Thirty Seven
38 — Thirty Eight
39 — Thirty Nine
40 — Forty
41 — Forty One
42 — Forty Two
43 — Forty Three
44 — Forty Four
45 — Forty Five
46 — Forty Six
47 — Forty Seven
48 — Forty Eight
49 — Forty Nine
50 — Fifty

## Exercise 8.3 — Let us Do — Place number cards on ginladi (number line)

Q1 A. Pick up any number card from 1 to 50. Can you place the number card with help of the clip on ginladi at the right place?

SOLUTION

Activity: Pick any card, for example 37.
Find 37 on the ginladi — it comes after 36 and before 38, in the Thirties row.
Clip it at position 37.

Q2 B. Write the number on the number cards placed on the ginladi.

SOLUTION

Look at where each card is clipped on the ginladi and write the number shown at that position.
Example: a card clipped at the 4th position in the Forties row shows 44.

## Exercise 8.4 — Count and write — Tens frames (21 to 50)

Q1 Fill up the tens frames to show the number. One is done for you (29 = Twenty Nine). Fill frames for: 21 (Twenty One), 41 (Forty One), 30 (Thirty).

SOLUTION

21 = 2 tens and 1 one → fill 2 complete frames (10 + 10) and 1 dot in the third frame.
41 = 4 tens and 1 one → fill 4 complete frames (10 + 10 + 10 + 10) and 1 dot in the fifth frame.
30 = 3 tens and 0 ones → fill 3 complete frames (10 + 10 + 10), no dots in the fourth frame.

## Exercise 8.5 — Fill up the missing numbers (31 to 50)

Q1 Fill up the missing numbers in the sequence from 31 to 50. Given numbers: 34, 39, 42, 46.

SOLUTION

The complete sequence from 31 to 50 is:
31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50.
Fill the missing blanks: 31, 32, 33 (before 34); 35, 36, 37, 38 (between 34 and 39); 40, 41 (between 39 and 42); 43, 44, 45 (between 42 and 46); 47, 48, 49, 50 (after 46).

## Exercise 8.6 — Numbers 51 to 99 — Count and write

**Q1** Count and write the numbers from 51 to 60. Write each number and its name.

SOLUTION

51 — Fifty One
52 — Fifty Two
53 — Fifty Three
54 — Fifty Four
55 — Fifty Five
56 — Fifty Six
57 — Fifty Seven
58 — Fifty Eight
59 — Fifty Nine
60 — Sixty

**Q2** Count and write the numbers from 61 to 80. Write each number and its name.

SOLUTION

61 — Sixty One
62 — Sixty Two
63 — Sixty Three
64 — Sixty Four
65 — Sixty Five
66 — Sixty Six
67 — Sixty Seven
68 — Sixty Eight
69 — Sixty Nine
70 — Seventy
71 — Seventy One
72 — Seventy Two
73 — Seventy Three
74 — Seventy Four
75 — Seventy Five
76 — Seventy Six
77 — Seventy Seven
78 — Seventy Eight
79 — Seventy Nine
80 — Eighty

Q3 Count and write the numbers from 81 to 100. Write each number and its name.

SOLUTION

81 — Eighty One
82 — Eighty Two
83 — Eighty Three
84 — Eighty Four
85 — Eighty Five
86 — Eighty Six
87 — Eighty Seven
88 — Eighty Eight
89 — Eighty Nine
90 — Ninety
91 — Ninety One
92 — Ninety Two
93 — Ninety Three
94 — Ninety Four
95 — Ninety Five
96 — Ninety Six
97 — Ninety Seven
98 — Ninety Eight
99 — Ninety Nine
100 — Hundred

## Exercise 8.7 — Let us Do — Place number cards 1 to 99 on ginladi

Q1 Tie a ginladi from one end to the other. Choose a random number card (1 to 99). Attach the number card at the appropriate place on the ginladi with a clip. Play with your friends using other cards also.

SOLUTION

Activity: Choose a card, for example 67.
67 is in the Sixties — after 66 and before 68.
Clip it at the correct position on the ginladi.
Repeat with other cards and check each other's placements.

## Exercise 8.8 — Snakes and Ladders — Fill the missing numbers

Q1 Count and write the numbers. Make a snakes and ladders game by filling the missing numbers in the 100-square grid (1 to 100). Some numbers are already filled in.

SOLUTION

Find each blank square's neighbours and fill the number between them. Missing numbers from the grid: 4, 7, 10, 14, 23, 26, 29, 35, 39, 44, 46, 47, 49, 55, 57, 60, 64, 67, 70, 75, 78, 85, 89, 91, 93, 94, 99.

## Exercise 8.9 — Let us Talk — Warli Painting

**Q1** A. Observe and discuss what is happening in the picture.

SOLUTION

Activity: The Warli painting shows a village scene — a large hut with a thatched cone roof, 2 coconut trees, a sun, 9 people working and dancing, a deer, 2 birds, a cart wheel, and a large pot. Discuss what each person is doing.

**Q2** B. What are the different things which you see in the given picture?

SOLUTION

Things in the picture: 1 house (hut with cone roof), 2 coconut/palm trees, 1 sun, 9 people, 1 deer, 2 birds, 1 cart wheel, 1 large pot, plants and grass.

**Q3** C. How many houses are there?

SOLUTION

Count the houses in the painting: there is 1 house (a large hut with a tall pointed thatched roof and a doorway). Answer: 1

**Q4** D. How many people are there in the picture?

SOLUTION

Count each person figure: 1 climbing the tree, 2 carrying things on their heads (upper right), 1 carrying a pot (lower right), 1 small figure near them, 2 dancing near the house entrance, 1 playing an instrument, 1 walking with a stick (lower left). Answer: 9

**Q5** E. Guess how many lines are used to draw the leaves of a tree.

SOLUTION

Activity (guess): Look at one tree in the painting. Each branch has about 10 short lines for leaves. A good guess is around 10 lines — any close estimate is acceptable.

**Q6** F. Do you know the special name for this type of painting?

SOLUTION

This is called Warli painting (also written as Warli or Vārli).
It uses simple geometric shapes — triangles, circles, and lines — to show everyday life scenes.
Warli painting

Q7 G. Which part of India is famous for 'Warli' painting?

SOLUTION

Warli painting comes from the tribal communities of Maharashtra.
It is practised by the Warli tribe of the Palghar district (near Mumbai) in Maharashtra.
Maharashtra

Q8 Make your own Warli drawing.

SOLUTION

Activity: Use simple shapes — triangles for bodies, circles for heads, straight lines for arms and legs — to draw people, trees, and animals.
You can draw a village scene, a dance, or a harvest celebration in Warli style.