

SOUTH END CENTRE (E.M.) SCHOOL, HOWRAH

Supplementary Learning Materials 2020 – 2021

English Language

Class – IV

Learning Materials - 2

CHAPTER – 1 : NOUNS

COUNTABLE AND UNCOUNTABLE NOUNS :

- **Countable nouns** are things that can be made plural and can be counted.

Example : Girls, Flower, Apple etc. are **countable nouns**.

- **Uncountable nouns** are things that are singular but cannot be counted.

Example : Sugar, Milk, Water etc. are **uncountable nouns**.

EXERCISE – 6 :

Look at each underlined noun, in the brackets write 'C' for **countable nouns** or 'UC' for **uncountable nouns**.

- a. I have a lot of homework today . []
- b. We played three games of badminton . []
- c. Shannan is afraid of any insect that flies. []
- d. The nicest dessert is strawberries with cream. []
- e. Joe lay down on the grass. []
- f. There was a lively band in the restaurant playing great music. []
- g. May I have some jam bread on my bread, please? []
- h. The furniture shop sells a great variety of chairs. []

EXERCISE – 7 :

Fill in the blanks with the correct words from the box below:

Bread	pineapple	biscuits	Juice	Soap
milk	flour	cake	coffee	

Zara and Zayn went to the supermarket on Sunday. They picked up four bars of _____, a loaf of _____, a bag of _____, two bottles of _____ and a packet of _____. Then they bought six cartons of _____ and a tin of sliced _____. "There, that completes the list" said Zara. "Let's go to the billing counter now. After that, let's have a cup of _____ and a slice of _____.

COLLECTIVE NOUNS :

➤ **Collective nouns** are words for groups of people, animals and things.

Example : she bought a bunch of Bananas .

EXERCISE - 8 :

Match the group of words with the correct **collective noun**.

- a. a pile of ● flats
- b. a string of ● ships
- c. a block of ● beads
- d. a crowd of ● newspapers
- e. a fleet of ● photographers

EXERCISE - 9 :

Circle the correct **collective noun** to complete each sentence.

- a. We watched a (flock / Army) of birds flying across the sky.
- b. The thief was attacked by a (pack /swarm) of bees.
- c. A large (herd / gang) of elephants gathered round the hunters.
- d. Henry gave me a (bunch / collection) of roses on my birthday.
- e. A colourful (group / school) of fish twisted and turned through the water .

EXERCISE - 10 :

Fill in each blank with a suitable **collective noun** from the box below. Then circle the correct verb.

staff team family troop committee

- a. The _____ (march / marches) in time with the music.
- b. The _____ (consist / consists) of two managers and five sales assistants.
- c. The housing _____ (hold / holds) a meeting every month.
- d. Our _____ (has / have) been practicing very hard for the tournament.
- e. My _____ (come / comes) together every year from all over the world celebrate Christmas .

SOUTH END CENTRE (E.M) SCHOOL, HOWRAH
SUPPLEMENTARY LEARNING MATERIAL
2020 – 2021
CLASS-IV
SUBJECT-MATHEMATICS
LEARNING MATERIAL – 2
ROMAN NUMERALS

We usually use the numerals 1, 2, 3, 4, 5, 6, 7, 8, 9 and 0 to write numbers. These numerals are called Hindu-Arabic numbers. These numbers are written using place value system. The Romans used a different system. That system did not have any place value. They had different rules for writing numbers using seven letters

Roman Numeral	I	V	X	L	C	D	M
Value	1	5	10	50	100	500	1000

RULES FOR WRITING ROMAN NUMERALS:

RULE 1: When certain Roman numerals are repeated, the numbers represented by them is their sum.

For examples: I = 1

$$\text{II} = 1 + 1 = 2$$

$$\text{III} = 1 + 1 + 1 = 3$$

$$\text{XX} = 10 + 10 = 20$$

$$\text{XXX} = 10 + 10 + 10 = 30$$

NOTE: (a) No Roman numeral can come together more than three times.

It is wrong to write 4 = IIII or 40 = XXXX.

(b) V, L, D are not repeated.

RULE 2: When a Roman numeral is placed after another of greater value, the value of the resulting numeral is equal to the sum of the numerals.

For examples: VI = 5 + 1 = 6

$$\text{VII} = 5 + 1 + 1 = 7$$

$$\text{VIII} = 5 + 1 + 1 + 1 = 8$$

$$\text{XV} = 10 + 5 = 25$$

$$\text{XXXII} = 10 + 10 + 10 + 1 + 1 = 32$$

$$\text{LV} = 50 + 5 = 55$$

RULE 3: When a Roman numeral is placed before another of greater value, the value of the resulting numeral is equal to the difference of the numerals

For examples: IV = 5 - 1 = 4

$$\text{IX} = 10 - 1 = 9$$

$$\text{XL} = 50 - 10 = 40$$

$$\text{XC} = 100 - 10 = 90$$

RULE 4: When a Roman numeral of smaller value is put between two numerals of greater value, it is subtracted from the numeral on its right.

For examples: $XIV = 10 + 5 - 1 = 14$

$XIX = 10 + 10 - 1 = 19$

$LIV = 50 + 5 - 1 = 54$

REMEMBER: (a) Roman numerals do not follow the place-value system.

(b) There is no Roman numeral for 0 (Zero)

Keeping these rules and symbols in mind, let's write a few numbers between 40 and 100 in Roman form:

41 = XLI

42 = XLII

45 = XLV

54 = LIV

59 = LIX

69 = LXIX

76 = LXXVI

80 = LXXX

90 = XC

96 = XCVI

99 = XCIX

100 = C

EXAMPLE 1: Write the following Roman numerals in the Hindu- Arabic form:

(a) XLI (b) XLIV (c) LX

SOLUTION: (a) $XLI = (50-10)+1 = 41$

(b) $XLIV = (50-10)+(5-1) = 40+4 = 44$

(c) $LX = (50+10) = 60$

EXAMPLE 2: write Roman numerals for the following numbers:

(a) 43 (b) 57 (c) 98

SOLUTION: (a) $43 = 40+3 = (50-10) + 3 = XLIII$

(b) $57 = 50+7 = 50+5+2 = LVII$

(c) $98 = 90+8 = (100-10) + (5+3) = XCVIII$

PROBLEM SET:

1. Fill in the blanks with the corresponding Hindu- Arabic numerals:

(a) XXXIX = _____

(b) LXI = _____

(c) XC = _____

(d) LXXX = _____

(e) XCVI = _____

2. Write Roman numerals for the following:

(a) 54

(b) 66

(c) 68

(d) 89

(e) 95

3. Some of the following numbers have been written incorrectly in the Roman form. Cross them and write them correctly:

(a) LL

(b) XXXXX

(c) IXL

(d) XXC

(e) IL

(f) LXVIII

4. Read the following number and write them in word:

(a) XLIV

(b) LII

(c) XCIV

(d) LXXIV

(e) LVII

5. Write the following Roman numerals in ascending order:

LXII, XL, VII, XCVIII, XCI.

6. Write all the Roman numerals lying between:

(a) LXX and LXXV

(b) XC and C

(c) LX and LXIX

7. Compute:

(a) $XLIX - XLV$

(b) $XXX + XXIX$

(c) $XC - L + LI$

8. Fill in the blanks with either of the symbols $<$, $>$ or $=$ to make it a correct statement:

(a) 98 _____ L

(b) C _____ XL

(c) LV _____ $L + V + X$

(d) $XLIV$ _____ 44

(e) $L + III$ _____ $100 - 47$