

I. Numbers (110 - 500) in tens.

II. Multiplication tables (2, 3)

III. Fill in the blanks:

1. The numbers from 1 to 9 are one digit numbers.
2. The numbers from 10 to 99 are two digit numbers.
3. The numbers from 100 to 999 are three digit numbers.
4. The smallest one digit number is 1
5. The smallest two digit number is 10
6. The smallest three digit number is 100
7. The biggest one digit number is 9
8. The biggest two digit number is 99
9. The biggest three digit number is 999.

IV. a) Number names (1 - 20)

b) Number names (10 - 100)

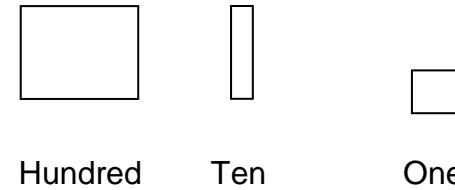
V. Write the number names for the following numerals.

- a) 68 – sixty eight
- b) 111 – One hundred and eleven
- c) 348 – Three hundred and forty eight.

VI. Write the numerals for the following number names.

- a) Four hundred and ten - 410
- b) Six hundred and eighty eight – 688
- c) One hundred and nineteen - 119

VII. Pictorial Representation:



A. Pictorial Representation:

a) = 134

b) = 302

B. Represent Pictorially.

a) 133 = = 133

b) 214 = = 214

VIII. Write the before, after and between numbers.

- a) 307, 308, 309, 310, 311
- b) 440, 441, 442, 443, 444
- c) 109, 110, 111, 112, 113
- d) 258, 259, 260, 261, 262
- e) 99, 100, 101, 102, 103
- f) 336, 337, 338, 339, 340.

IX. Order of numbers.

A. Write in Ascending order.

a. 240, 111, 351, 98

Ans. 98, 111, 240, 351

b. 139, 427, 81, 235

Ans. 81, 139, 235, 427

B. Write in Descending order.

a. 69, 87, 11, 39

Ans. 87, 69, 39, 11

b. 618, 235, 114, 414

Ans. 618, 414, 235, 114

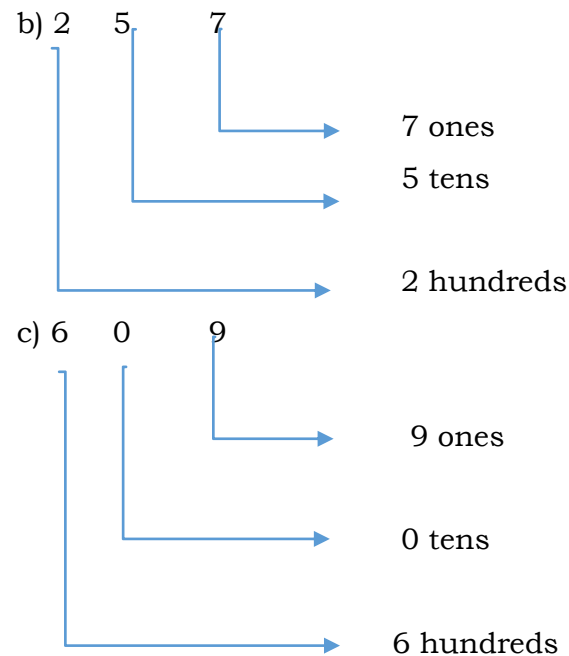
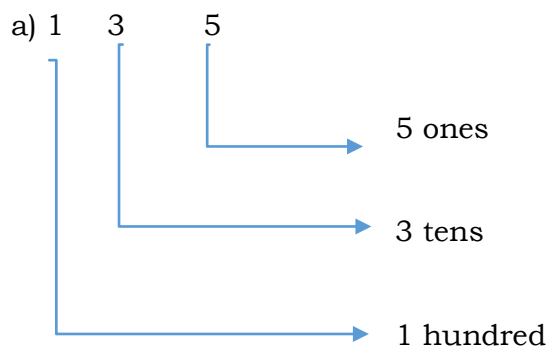
Place value

One digit numbers - 2, 4, 8, 9

Two digit numbers - 14, 28, 45, 81

Three digit numbers - 108, 237, 351, 464

I. Write the place value of each digit:-



I. Write in expanded form:-

1. $148 = 1 \text{ hundred} + 4 \text{ tens} + 8 \text{ ones}$

$$100 + 40 + 8$$

2. $234 = 2 \text{ hundreds} + 3 \text{ tens} + 4 \text{ ones}$

$$200 + 30 + 4$$

3. $48 = 4 \text{ tens} + 8 \text{ ones}$

$$40 + 8$$

II. Write in short form:-

a) $1 \text{ hundred} + 9 \text{ tens} + 0 \text{ ones} = 190$

b) $7 \text{ hundreds} + 4 \text{ tens} + 8 \text{ ones} = 748$

c) $200 + 30 + 1 = 231$

d) $400 + 8 = 408$

I. Ordinal numbers

First	- 1 st
Second	- 2 nd
Third	- 3 rd
Fourth	- 4 th
Fifth	- 5 th
Sixth	- 6 th
Seventh	- 7 th
Eighth	- 8 th
Ninth	- 9 th
Tenth	- 10 th

II. Roman Numbers:

I	-	First
II	-	Second
III	-	Third
IV	-	Fourth
V	-	Fifth
VI	-	Sixth
VII	-	Seventh
VIII	-	Eighth
IX	-	Ninth
X	-	Tenth

Multiplication Tables (4,5)

Book Pages: 2, 4, 5, 6, 8, 12, 13, 37, 39, 40, 41(7), 43(8), 47, 50, 51, 52, 53

ADDITION

I. Fill in the blanks:

1. The symbol used for addition is +.
2. The numbers which we add are called addends.
3. The result we get in addition is called sum.
4. When zero is added to any number the result will be the same number
5. When one is added to any number the result will be the next number.

II. ADD:-

a) $3 + 0 = \boxed{3}$

b) $5 + 1 = \boxed{6}$

c) $3 + 4 = \boxed{7}$

d) $5 + 5 = \boxed{10}$

e) $4 + 4 = \boxed{8}$

III. Addition facts:-

a) $5 + 3 = 3 + 5 = \boxed{8}$

b) $4 + 10 = 10 + 4 = \boxed{14}$

c) $12 + 0 = 0 + 12 = \boxed{12}$

IV. Add (1d + 1d)

a)
$$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$$

b)
$$\begin{array}{r} 3 \\ + 2 \\ \hline 4 \\ \hline 9 \end{array}$$

c)
$$\begin{array}{r} 7 \\ + 6 \\ \hline 0 \\ \hline 13 \end{array}$$

V. Add (2d + 1d) without carry over:

a) $\begin{array}{r} \text{T O} \\ 2 \ 5 \\ + \quad 4 \\ \hline 2 \ 9 \end{array}$	b) $\begin{array}{r} \text{T O} \\ 3 \ 6 \\ + \quad 3 \\ \hline 3 \ 9 \end{array}$	c) $\begin{array}{r} \text{T O} \\ 1 \ 1 \\ + \quad 8 \\ \hline 1 \ 9 \end{array}$
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VI. Add (2d + 2d) without carryover.

a.
$$\begin{array}{r} \text{T O} \\ 1 \ 8 \\ + 2 \ 0 \\ \hline 3 \ 8 \end{array}$$

b.
$$\begin{array}{r} \text{T O} \\ 1 \ 2 \\ + 3 \ 6 \\ \hline 4 \ 8 \end{array}$$

c.
$$\begin{array}{r} \text{T O} \\ 4 \ 5 \\ + 3 \ 4 \\ \hline 7 \ 9 \end{array}$$

VII. Add (2d + 2d) with carry over:

a.
$$\begin{array}{r} \boxed{1} \\ \text{T O} \\ 3 \ 5 \\ + 4 \ 5 \\ \hline 8 \ 0 \end{array} \quad \begin{array}{|c|c|} \hline \text{T} & \text{O} \\ \hline 1 & 0 \\ \hline \end{array}$$

b.
$$\begin{array}{r} \boxed{1} \\ \text{T O} \\ + 4 \ 9 \\ \hline 7 \ 3 \\ \hline 12 \ 2 \end{array}$$

$$\begin{array}{|c|c|} \hline \text{T} & \text{O} \\ \hline 1 & 2 \\ \hline \end{array}$$

VIII. Add (3d + 3d) without carryover:

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 2 \quad 3 \quad 5 \\ + 1 \quad 4 \quad 4 \\ \hline 3 \quad 7 \quad 9 \end{array}$$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 5 \quad 3 \quad 0 \\ + 4 \quad 4 \quad 1 \\ \hline 9 \quad 7 \quad 1 \end{array}$$

IX. Add (3d + 3d) with carryover:

$$\begin{array}{r} \boxed{1} \\ \text{H} \quad \text{T} \quad \text{O} \\ 3 \quad 6 \quad 4 \\ + 5 \quad 2 \quad 6 \\ \hline 8 \quad 9 \quad 0 \end{array} \quad \begin{array}{|c|c|} \hline \text{T} & \text{O} \\ \hline 1 & 0 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{1} \\ \text{H} \quad \text{T} \quad \text{O} \\ 1 \quad 2 \quad 9 \\ + 9 \quad 5 \quad 8 \\ \hline 10 \quad 8 \quad 7 \end{array} \quad \begin{array}{|c|c|} \hline \text{T} & \text{O} \\ \hline 1 & 7 \\ \hline \end{array}$$

$$\begin{array}{r} \boxed{1} \quad \boxed{1} \\ \text{H} \quad \text{T} \quad \text{O} \\ 2 \quad 5 \quad 3 \\ + 3 \quad 4 \quad 8 \\ \hline 6 \quad 0 \quad 1 \end{array} \quad \begin{array}{|c|c|} \hline \text{T} & \text{O} \\ \hline 1 & 1 \\ \hline \end{array} \quad \begin{array}{|c|c|} \hline \text{H} & \text{T} \\ \hline 1 & 0 \\ \hline \end{array}$$

X. Word problem:

1. Harini had 10 red balloons and 25 blue balloons. How many balloons were there in her hand?

Solution:

$$\begin{array}{r} \text{T} \quad \text{O} \\ \text{No. of red balloons} = 1 \quad 0 \\ \text{No. of blue balloons} = + 2 \quad 5 \\ \hline \text{Total no of balloons} = 3 \quad 5 \end{array}$$

Ans: 35 balloons

2. There are 28 apples and 25 mangoes in a basket. How many fruits are there altogether. ?

Solution:

$$\begin{array}{r} \boxed{1} \\ \text{T} \quad \text{O} \\ \text{No. of apples} = 2 \quad 8 \\ \text{No. of mangoes} = + 2 \quad 5 \\ \hline \text{Total no of fruits} = 5 \quad 3 \end{array} \quad \begin{array}{|c|c|} \hline \text{T} & \text{O} \\ \hline 1 & 3 \\ \hline \end{array}$$

Ans: 53 fruits

Book pages: 15, 16, 18, 19, 25, 27, 33, 57, 60, 61, 62

Subtraction

I. Fill in the blanks:

- When a small number is taken away from a big number it is called subtraction.
- The symbol used for subtraction is — (minus)
- The result we get in subtraction is called difference.
- When a number is subtracted from the same number the answer is zero.
- We cannot subtract a number from zero.

II. Subtraction facts:

1. When we subtract one from any number we get the number before

Eg: $5 - 1 = 4$

$11 - 1 = 10$

2. When a number is subtracted from the same number the answer is zero.

Eg: $15 - 15 = 0$

$4 - 4 = 0$

III. Subtract (1d - 1d)

$$\begin{array}{r} \text{a.} \quad 7 \\ - 2 \\ \hline 5 \end{array}$$

$$\begin{array}{r} \text{b.} \quad 4 \\ - 4 \\ \hline 0 \end{array}$$

$$\begin{array}{r} \text{c.} \quad 8 \\ - 3 \\ \hline 5 \end{array}$$

IV. Subtract (2d - 1d) without borrowing:

$$\begin{array}{r} \text{a.} \quad \text{T} \quad \text{O} \\ 1 \quad 7 \\ - 2 \\ \hline 1 \quad 5 \end{array}$$

$$\begin{array}{r} \text{b.} \quad \text{T} \quad \text{O} \\ 2 \quad 5 \\ - 1 \\ \hline 2 \quad 4 \end{array}$$

$$\begin{array}{r} \text{c.} \quad \text{T} \quad \text{O} \\ 3 \quad 8 \\ - 5 \\ \hline 3 \quad 3 \end{array}$$

V. Subtract (2d - 2d) without borrowing:

$$\begin{array}{r} \text{a.} \quad \text{T} \quad \text{O} \\ 7 \quad 5 \\ - 2 \quad 3 \\ \hline 5 \quad 2 \end{array}$$

$$\begin{array}{r} \text{b.} \quad \text{T} \quad \text{O} \\ 4 \quad 2 \\ - 1 \quad 2 \\ \hline 3 \quad 0 \end{array}$$

$$\begin{array}{r} \text{c.} \quad \text{T} \quad \text{O} \\ 6 \quad 8 \\ - 2 \quad 5 \\ \hline 4 \quad 3 \end{array}$$

VI. Subtract (2d - 2d) with borrowing:

$$\begin{array}{r} \text{a.} \quad \text{T} \quad \text{O} \\ 6 \cancel{7} \quad 1 \quad 4 \\ - 3 \quad 5 \\ \hline 3 \quad 9 \end{array}$$

$$\begin{array}{r} \text{b.} \quad \text{T} \quad \text{O} \\ 5 \cancel{6} \quad 1 \quad 2 \\ - 3 \quad 6 \\ \hline 2 \quad 6 \end{array}$$

$$\begin{array}{r} \text{c.} \quad \text{T} \quad \text{O} \\ 8 \cancel{9} \quad 1 \quad 1 \\ - 6 \quad 4 \\ \hline 2 \quad 7 \end{array}$$

VII. Subtract (3d - 3d) without borrowing:

$$\begin{array}{r} \text{a.} \quad \text{H} \quad \text{T} \quad \text{O} \\ 5 \quad 7 \quad 3 \\ - 1 \quad 2 \quad 1 \\ \hline 4 \quad 5 \quad 2 \end{array}$$

$$\begin{array}{r} \text{b.} \quad \text{H} \quad \text{T} \quad \text{O} \\ 6 \quad 4 \quad 9 \\ - 4 \quad 3 \quad 0 \\ \hline 2 \quad 1 \quad 9 \end{array}$$

VIII. Subtract (3d - 3d) with borrowing:

a. H T O
3
6 ~~4~~ 12
- 3 1 5
3 2 7

b. H T O
6
8 ~~7~~ 16
- 3 4 8
5 2 8

IX. Word Problem:

a. There are 65 birds in a tree. 23 birds flew away.

How many birds are left?

Solution: T O
No. of birds in a tree = 6 5
No. of birds flew away = -2 3
No. of birds left = 4 2

Ans: 42 birds

b. A balloon seller had 146 balloons. He sold 100 balloons.

How many balloons are left with him?

Solution: H T O
No. of balloons = 1 4 6
No. of balloons sold = - 1 0 0
No. of balloons left with him = 4 6

Ans: 46 balloons

Book Pages: 21, 23, 29, 31 32, 66, 67, 68, 69, 70, 71, 72