CLASS-III

Chapter-2: Fun with numbers

- Radhika, Gauri, Vicky, Indra and Sunil were collecting Imli (tamarind)seeds.

* Indra collected the most seeds.

* Sunil will collect 4 more seeds to be equal to Vicky.

* If Radhika gets 6 more seeds she will have 30.

* How many children have more than 40 seeds 3 children.

* Gauri needs 3 more seeds to have 50.

* Sunil has 2 seeds less than 40 and Vicky has 2 seeds more than 40.

➢ Dhoni's century

One day match between India and South Africa in Guwahati…… India batting first. Dhoni on 96…. only one more ball left, Dhoni hits six.

Fill in the blanks:

Dhoni scored 96 + 6 =102 runs.

How many runs do these players need to complete a century?

	Runs scored	Runs needed to complete a century
Player 1	93	7
Player 2	97	3
Player 3	89	11
Player 4	99	1

- Fill in the blanks:

  99 - 112

Number (in figures)	Number (in words)
99	Ninety- nine
100	One hundred

101	One hundred one
102	*One hundred two*
103	One hundred three
104	One hundred four
105	One hundred five
106	One hundred six
107	*One hundred seven*
108	One hundred eight
109	One hundred nine
110	One hundred ten
111	One hundred eleven
112	One hundred twelve

195 – 206

Number (in figures)	Number (in words)
195	One hundred ninety- five
196	One hundred ninety -six
197	One hundred ninety- seven
198	One hundred ninety- eight
199	One hundred ninety- nine
200	Two hundred
201	Two hundred one
202	*Two hundred two*
203	Two hundred three
204	Two hundred four
205	Two hundred five
206	*Two hundred six*

Oh! 2006! Guess how many more to make a triple century?

Ans: 300-206=94

Player	Score		Player	Score
A.P.J	128		M.D	178
A.S	100		P.K	105
C.K	99		S.T	141
D.M	162		T.P.K	112
K.S.P	152		V.V.S	127

C.K just missed his century.How many runs did he need to make a century __*1*__ .

A.S and C.K scored almost equal runs.

A.S scored a complete century, no less, no more.

Most runs scored by any batsman are _M.D._

_V.V.S_ and _A.P.S_ have a difference of just one run between them.

K.S.P scored two more than one and a half century

- ➢ Counting in 10s

10	110	310	<u>710</u>
20	<u>120</u>	<u>320</u>	720
30	<u>130</u>	<u>330</u>	<u>730</u>
<u>40</u>	<u>140</u>	<u>340</u>	740
<u>50</u>	150	350	750
<u>60</u>	<u>160</u>	360	760
<u>70</u>	170	<u>370</u>	<u>770</u>
<u>80</u>	<u>180</u>	<u>380</u>	780
<u>90</u>	190	<u>390</u>	<u>790</u>
100	200	400	<u>800</u>

- ➢ Counting in 50s

200	550
250	<u>600</u>
<u>300</u>	650
350	<u>700</u>
<u>400</u>	750
<u>450</u>	<u>800</u>
500	850

- ➢ Colour the numbers

744	810	45	401	54
555	374	171	261	159
656	140	179	891	16
195	155	410	159	685
454	136	60	74	699
800	445	642	202	943

Q. Find these numbers in the above chart. Colour them.

Green	Red	Yellow
One hundred forty	Fifty four	Four hundred forty five
Two hundred two	Sixty	Sixteen
Two hundred sixty one	One hundred ninety five	One hundred fifty nine
Eight hundred	Five hundred fifty	Six hundred eighty

	five	five
300 + 70 + 4	600 + 40 + 2	600 + 90 + 9
600 + 50 + 6	100 + 70 + 9	70 + 4
5+ 50 + 100	800 + 10	1 + 90 + 80

- ➢ Jumping animals.

  Gabru, Bunny and Tarru are jumping all the way. Gabru jumps on every seventh box, Bunny on every fifth box,Tarru every forth box.

  Gabru starts jumping from number 90.

  Bunny starts jumping from number 99.

  Tarru starts jumping from number 106.

  - Bunny's tenth jump is on number_____

Ans. No. of steps Bunny covers in 10 jumps = 10 x 5 = 50

  Bunny's 10th jump will be on: 99 + 50 = 149

  - Tarru's tenth jump is on number_____

Ans. No. Of steps Tarru covers in 10 jumps = 10 x 4 = 40

  Tarru's 10th jump will be on: 106 + 40 = 146

  - Gabru's tenth jump is on number _____

Ans. No. Of steps Gabru covers in 10 jump = 10 x 7 = 70

  Gabru's 10th jump will be on: 90 + 70 = 160.

Gabru and bunny both jump on number 104, 139 and 174

- ➢ Find out
  - Tarru and Bunny jump on numbers _____, _____, _____and _____.

Ans. Tarru and Bunny jump on square 144, 134, 154 and 174

  - Is there any number where all three of them jumps?

Ans.   All of them jump together on square 174.

  - Guess who will finish in the least jumps? _____ In how many jumps? _____

Ans. Gabru will finish it in the least number of jumps, that is, 8.

➢ Jump

• Jump 2 steps forward:

104, 106, 108, <u>110</u>, <u>112</u>, <u>114</u>, <u>116</u>.

• Jump 2 steps backward:

262, 260, 258, 256 ,254 , 252 , 250

• Jump 10 steps forward:

110, 120 ,130 ,<u>140, 150, 160, 170,</u>

• Jump 10 steps backward:

200, 190, 180 ,<u>170, 160, 150, 140.</u>

• Continue the pattern:

550, 560, 570 ,580, 590 ,600, 610.

910, 920 ,930, 940,<u> 950, 960, 970, 980.</u>

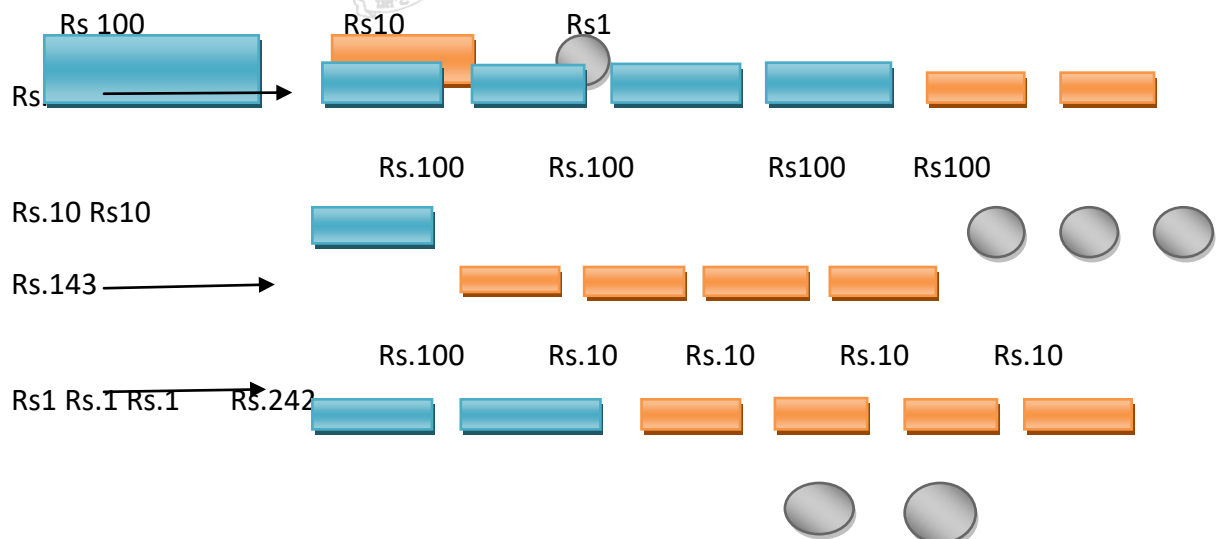209, 207, 205<u>, 203, 201, 199, 197.</u>
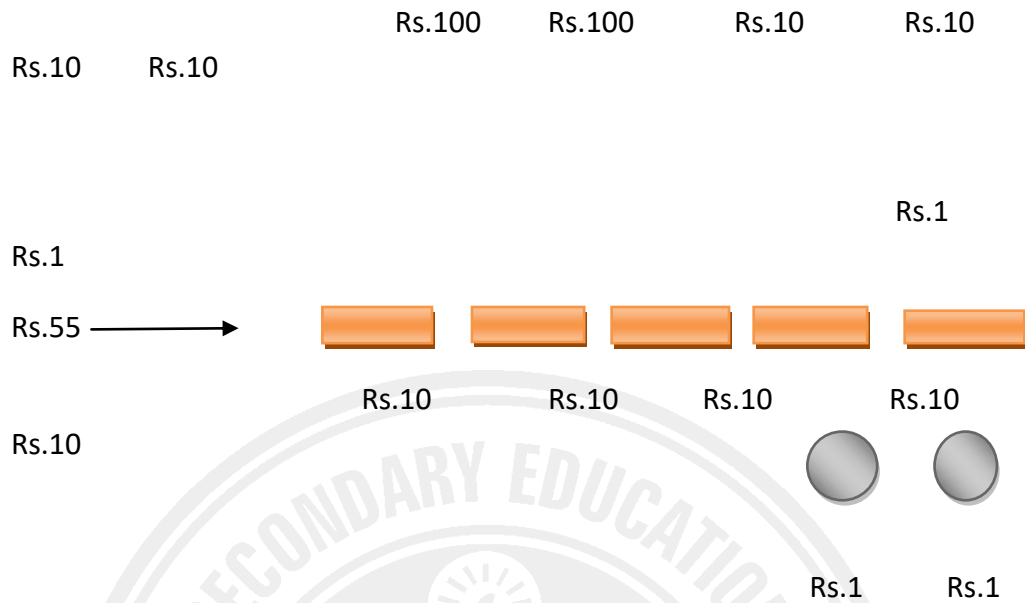
401, 402, 403, 404, 405, 406, 407.

➢ Find out how many packets of tens, hundreds and loose items each animals will take. Fill in the blanks.

Ans.

Items	Packets of 100	Packets of 10	Loose items
143 carrots	100x1	10x4	1x3
210 sugarcane	100x2	10x1	1x0
242 bananas	100x2	10x4	1x2
552 leaves	100x5	10x5	1x2

➢ How much to pay

Rs 100   Rs10   Rs1

Rs.

Rs.100   Rs.100   Rs100   Rs100

Rs.10 Rs10

Rs.143

Rs.100   Rs.10   Rs.10   Rs.10   Rs.10

Rs1 Rs.1 Rs.1   Rs.242

Rs.100   Rs.100   Rs.10   Rs.10

Rs.10   Rs.10

Rs.1

Rs.1

Rs.55 ⟶ [notes] Rs.1

Rs.10   Rs.10   Rs.10   Rs.10

Rs.10

Rs.1   Rs.1

➤ Who am I? Match with the number.

a) I come between 40 and 50 and there is
   96
   a 5 in my name

b) I have 9 in my name and am very close to 90.
   150

c) It you hit a 4 after me, you score a century.
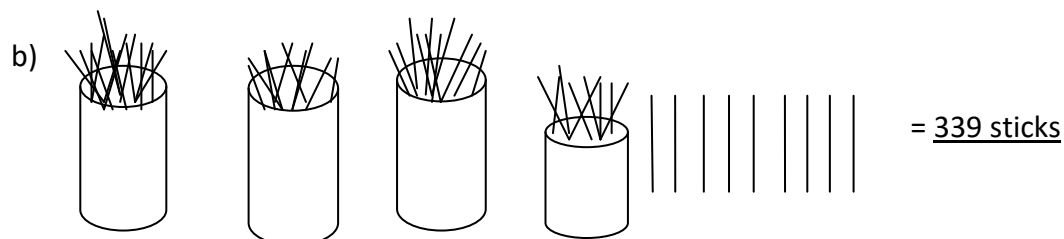   45

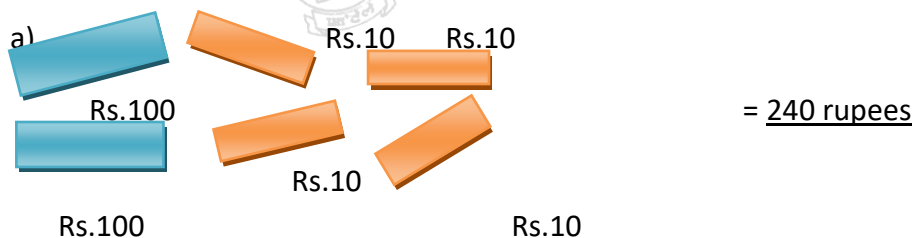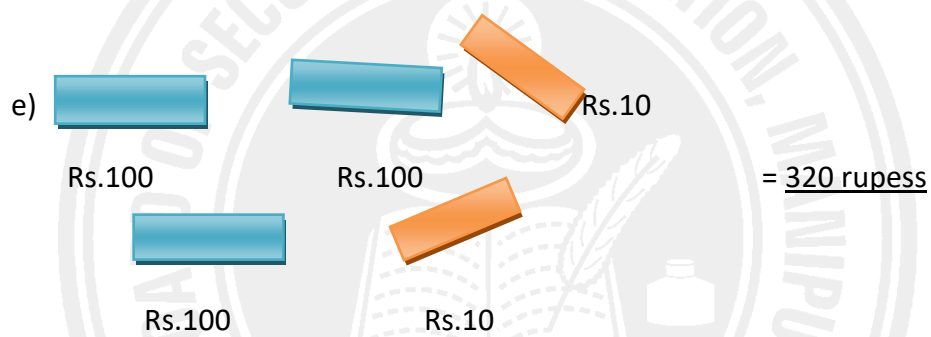d) I am equal to ten notes of 10
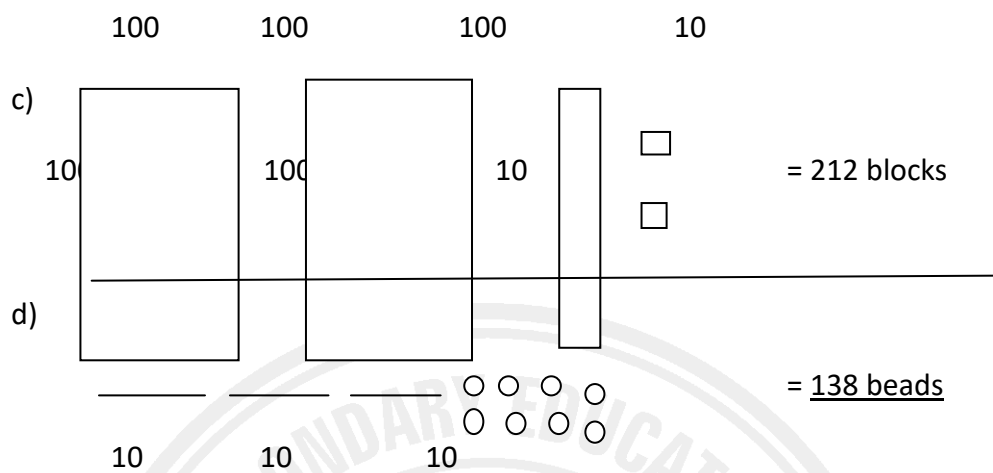   89

e) I am century + half century
   87

f) I am exactly in between 77 and 97
   100
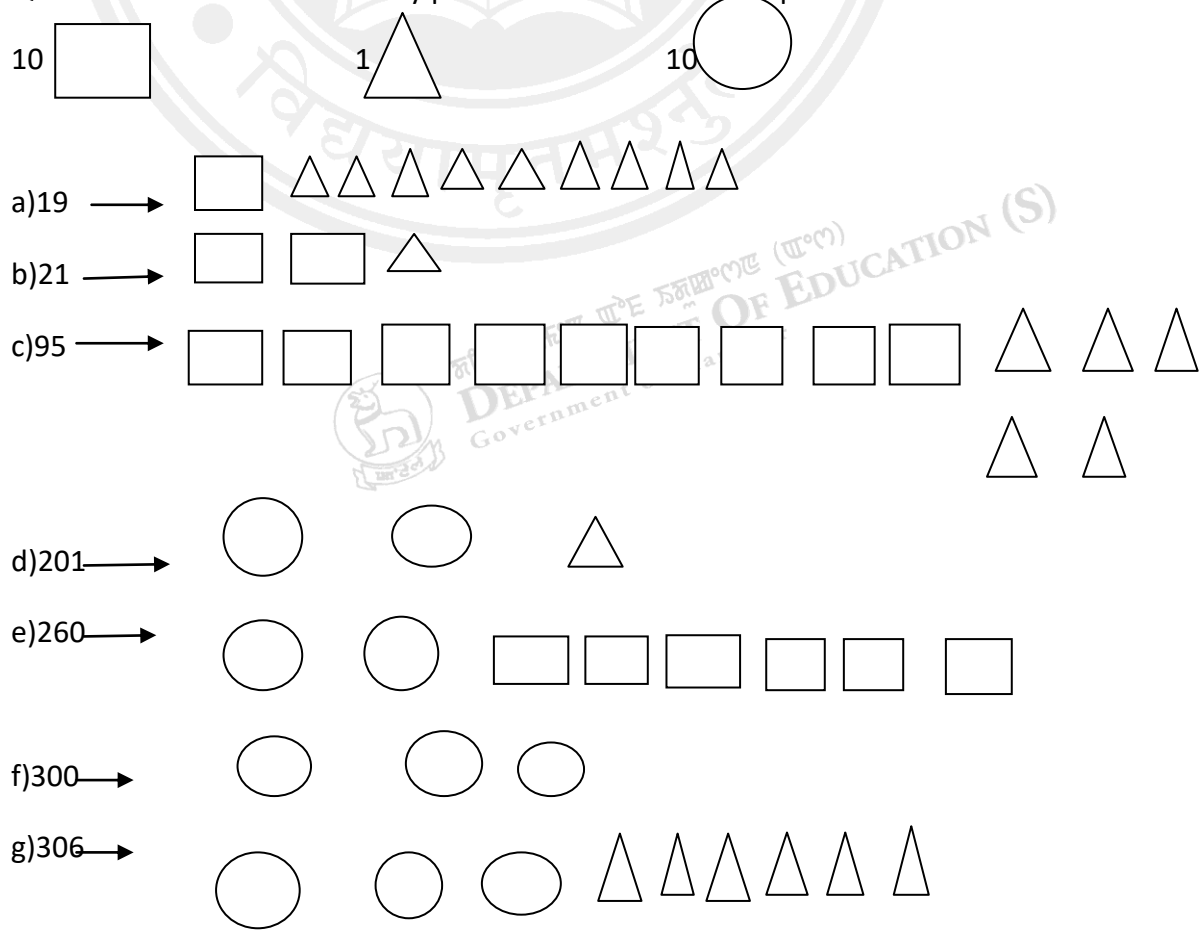
Q. How many are these?

a) Rs.100   Rs.10   Rs.10

    Rs.100   = 240 rupees

    Rs.10

Rs.100   Rs.10

b)   = 339 sticks

c)

100	100	100	10

10   100   10   = 212 blocks

d)

= 138 beads

10   10   10

e)

Rs.10

Rs.100   Rs.100   = 320 rupess

Rs.100   Rs.10

Q. Which cards will I have in my pockets if I have counted up to.....

10 ☐   1 △   10 ◯

a)19 ⟶ ☐ △ △ △ △ △ △ △ △ △

b)21 ⟶ ☐ ☐ △

c)95 ⟶ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ △ △ △ △ △

d)201 ⟶ ◯ ◯ △

e)260 ⟶ ◯ ◯ ☐ ☐ ☐ ☐ ☐ ☐

f)300 ⟶ ◯ ◯ ◯

g)306 ⟶ ◯ ◯ ◯ △ △ △ △ △ △

h)344 → ○ ○ ○   ▭ ▭ ▭ ▭   △ △ △ △

i)350 → ○ ○ ○   ▭ ▭ ▭ ▭

j)400 → ○ ○ ○ ○

Q.Write the answer in the blank space----

a) ▭ ▭   ▭ △ △ △ △ △ △ ▭
   10 10   10 1 1 1 1 1 1
10

Ans. 20   Ans. 26

c) ○ ▭ ▭ ▭   d) ○ ○ ○ ○
   100 10 10 10   100 100 100 100

Ans. 130   Ans. 400

e) ○ ○ ○ ▭   f) ○ ○ ○ ▭ ○
   100 100 100 10   100 100 100 10
100   ▭ ▭
                           10 10   1 △

Ans. 310   Ans. 431

g) ○ ○ ○
   100 100 100   h) ○ ○ ○ △ △ △
   ○ ○ ○   100 100 100 1
   100 100 100   △ △ △
1 △ △ △   1 1 1
   1 1 1   ▭
                              10

Ans. 603   Ans. 316

i)

100   100   100   100   100   = 1000

100   100   100   100   100