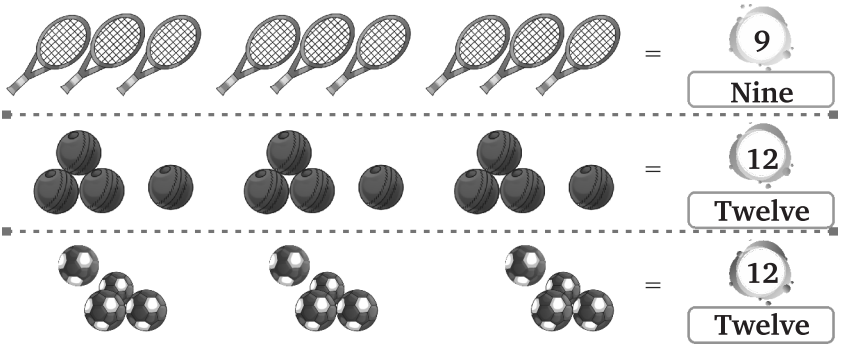
# Chapter-1: Numbers Upto 100

**Count and write the number and number names of the following: (P-5)**




## Assessment Time 1.1

**1. Write in numerals:**

| | | | | | |
|---|---|---|---|---|---|
| a. | Thirty-two | 32 | b. | Eight-six | 86 |
| c. | Fifty-four | 54 | d. | Twenty-four | 24 |
| e. | Ninety-six | 96 | f. | Sixty-seven | 67 |
| g. | Thirty-nine | 39 | h. | Fifty-nine | 59 |
| i. | Forty-four | 44 | j. | Seventy-eight | 78 |
| k. | Sixty-eight | 68 | l. | Thirty-one | 31 |

**2. Write the number names:**

a. 74 = Seventy-four
b. 86 = Eighty-six
c. 97 = Ninety-seven
d. 39 = Thirty-nine
f. 49 = Forty-nine
g. 78 = Seventy-eight
h. 38 = Thirty-eight
i. 79 = Seventy-nine

## Assessment Time 1.2

**1. Write in tens and ones:**

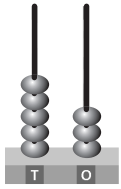
a. 48 = **4** tens and **8** ones
b. 36 = **3** tens and **6** ones
c. 52 = **5** tens and **2** ones
d. 45 = **4** tens and **5** ones
e. 82 = **8** tens and **2** ones
f. 96 = **9** tens and **6** ones

**2. Write the numerals:**

a. 5 tens and 3 ones = **53**
b. 7 tens and 4 ones = **74**
c. 6 tens and 1 ones = **61**
d. 5 tens and 9 ones = **59**
e. 4 tens and 6 ones = **46**
f. 9 tens and 3 ones = **93**

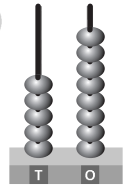
3. Represent the following numerals on the abacus:

53



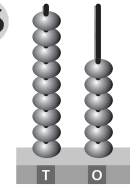

(a)

58



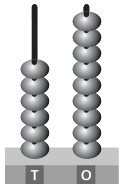

(b)

96



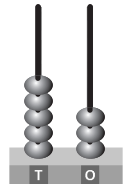

(c)

69



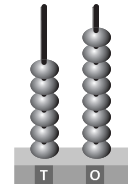

(d)

53




(e)

68




(f)

## Assessment Time 1.3

1. Write the number which comes just before the given numbers:

a. 23 24 b. 23 24 c. 63 64

d. 68 69 e. 53 54 f. 82 83

g. 48 49 h. 77 78 i. 92 93

2. Write the number which comes just after the given numbers:

a. 68 69 b. 49 50 c. 57 58

d. 71 72 e. 24 25 f. 37 38

g. 39 40 h. 50 51 i. 19 20

3. Write the number which comes between the given numbers:

a. 30 31 32 b. 19 20 21 c. 96 97 98

d. 60 61 62 e. 29 30 31 f. 93 94 95

g. 48 49 50 h. 54 55 56 i. 33 34 35

j. 61 62 63 k. 63 64 65 l. 40 41 42

## Assessment Time 1.4

1. Put '>', '<' or '=' in the boxes:

a. 56 < 78 b. 69 < 96 c. 59 > 47

d. 49 > 36 e. 39 > 28 f. 63 = 63

g. 93 > 79 h. 19 = 19 i. 93 > 84

2. Circle the biggest number:

a. (25) 19 16 b. 59 36 (63) c. 85 63 94

d. (24) 18 22 e. 34 63 (78) f. 78 (84) 63

3. Circle the smallest number:

a. 58 68 (29) b. 72 89 (39) c. (37) 49 69

d. (19) 29 38 e. (59) 68 75 f. 65 (59) 62

## Assessment Time 1.5

1. Arrange the following numbers in ascending order:

a. 53, 74, 69, 63 .....53, 63, 69, 74 .....

b. 49, 78, 59, 69 .....49, 59, 69, 78 .....

c. 85, 24, 78, 99 .....24, 78, 85, 99 .....

d. 21, 92, 27, 88 .....21, 27, 88, 92 .....

e. 99, 87, 64, 76 .....64, 76, 87, 99 .....

2. Arrange the following numbers in descending order:

a. 18, 37, 63, 58 ....63, 58, 37, 18 .....

b. 59, 69, 84, 28 ....84, 69, 59, 28 .....

c. 49, 69, 68, 35 ....69, 68, 49, 35 .....

d. 67, 43, 94, 53 ....94, 67, 53, 43 .....

e. 44, 59, 37, 96 ....96, 59, 44, 37 .....

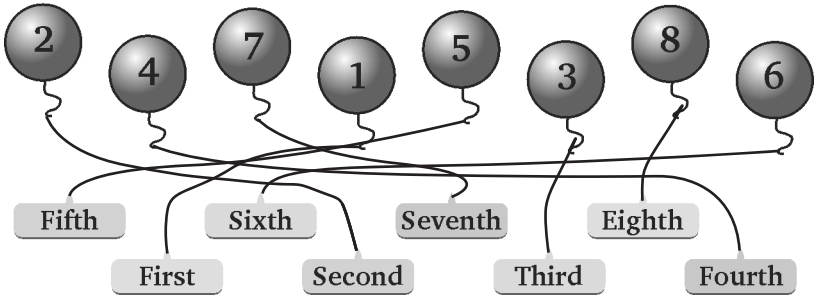
Subject Link (Art and Culture

Descending order in Exhibition second day, first day, third day

437, 376, 289

## Assessment 1.6

1. Match the position of balloons with their ordinal numbers:




## Assessment Time 1.7

Look at the pattern and complete the series:

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| a. | 9, | 18, | 27, | 36, | 45, | 54, | 63, | 72 |
| b. | 10, | 20, | 30, | 40, | 50, | 60, | 70, | 80 |
| c. | 11, | 22, | 33, | 44, | 55, | 66, | 77, | 88, |
| d. | 13, | 17, | 21, | 25, | 29, | 33, | 37, | 41 |
| e. | 3, | 5, | 7, | 9, | 11, | 13, | 15, | 17 |
| f. | 5, | 10, | 15, | 20, | 25, | 30, | 35, | 40 |
| g. | 15, | 25, | 35, | 45, | 55, | 65, | 75, | 85 |
| h. | 12, | 20, | 28, | 36, | 44, | 52, | 60, | 68 |

## Assessment 1.8

1. Write the place value of the following numbers:

a. 76
The place value of digit 6 is .....6.....
The place value of digit 7 is .....70.....

b. 49
The place value of digit 9 is .....9.....
The place value of digit 4 is .....40.....

c. 345
The place value of digit 5 is .....5.....
The place value of digit 4 is .....40.....
The place value of digit 3 is .....300.....

**2. Fill in the blanks:**

a. The place value of 5 in the numeral 58 is **50 or 5 tens**

b. The place value of 8 in the numeral 384 is **80 or 8 tens**

c. The place value of 5 in the numeral 305 is **5 or 5 ones**

**3. Write in expanded form:**

a. 284 = **2** hundreds + **8** tens + **4** ones

b. 304 = **3** hundreds + **0** tens + **4** ones

**4. Write in expanded form:**

a. 189 = 1 hundred + 8 tens + 9 ones

b. 343 = 3 hundreds + 4 tens + 3 ones

**Mental Maths**

**Write ordinal number of the following letters in the given words:**

1. E is the **fifth (5th)** letter in UMBRELLA.
2. A is the **third (3rd)** letter in SOAP.
3. L is the **first (1st)** letter in LION.
4. P is the **fourth (4th)** letter in GRAPES.
5. R is the **fourth (4th)** letter in DEER.

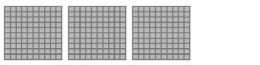
**Multiple Choice Questions:**

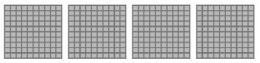
| | | | | |
|---|---|---|---|---|
| 1. (b) | 2. (c) | 3. (d) | 4. (b) | 5. (b) |
| 6. (a) | 7. (d) | 8. (b) | | |

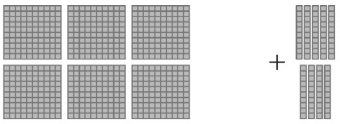
# Chapter-2: Large Numbers

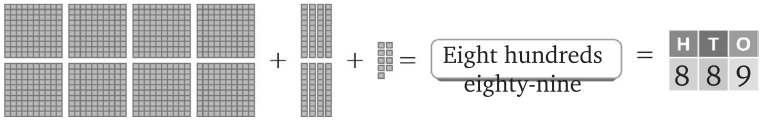
## Assessment Time-2.1

**1. Write the numbers and number names:**

a.  + = Three hundred forty-four = H T O: 3 4 4

b.  + = Four hundred forty-six = H T O: 4 4 6

c.  + = Six hundreds ninety-five = H T O: 6 9 5

d. 


**2. Complete the given grid by filling the missing numbers and read them:**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 |
| 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 |
| 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 |
| 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 |
| 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 |

**3. Write the number names of the following:**

a. 237 : Two hundreds thirty seven
b. 347 : Three hundreds forty-seven
c. 489 : Four hundreds eighty-nine
d. 576 : Five hundreds seventy-six
e. 633 : Six hundreds thirty-three
f. 863 : Eight hundreds sixty-three

**4. Write these numbers in your notebook: (Do Yourself)**

a. 335 to 400 b. 401 to 470 c. 501 to 610
d. 640 to 700 e. 701 to 840 f. 801 to 890

**5. Complete the given grid by filling the missing number and read them:**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 951 | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960 |
| 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 | 969 | 970 |
| 971 | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 980 |
| 981 | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 990 |
| 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000 |

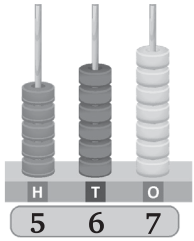
**6. Write the number names of the following:**

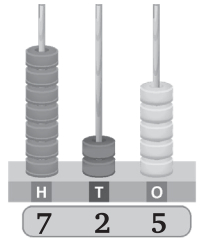
a. 385 : Three hundreds eighty-five
b. 314 : Three hundreds fourteen.
c. 408 : four hundreds eight
d. 537 : Five hundreds thirty-seven

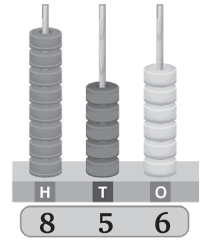
e. 484 : Four hundreds eighty-four
f. 453 : four hundreds fifty-three
g. 643 : Six hundreds forty-three
h. 529 : Five hundreds twenty-nine
i. 569 : Five hundreds sixty-nine
j. 578 : Five hundreds seventy-eight
k. 784 : Seven hundreds eighty-four
l. 634 : Six hundreds thirty-four
m. 923 : Nine hundreds twenty-three
n. 896 : Eight hundreds ninety-six

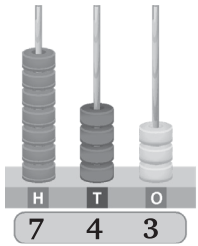
## Assessment Time 2.2

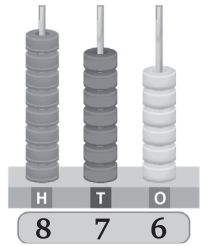
**1. Write the numbers shown on the abacus:**

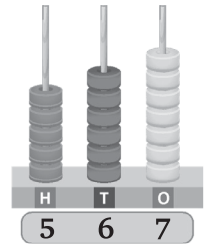
a.



b.



c.



d.


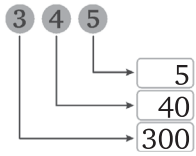

e.


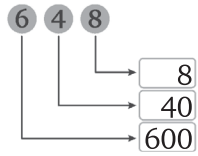

f.


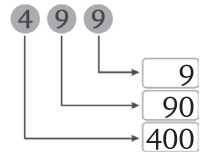

**2. Draw the numbers on the abacus:** **(Do Yourself)**

## Assessment Time 2.3

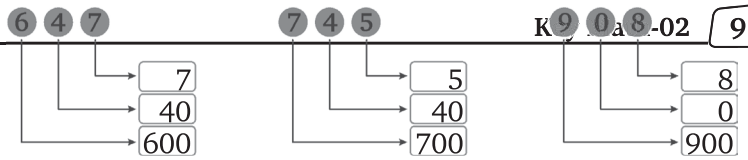
**1. Write the place value of each digit:**

a.



b.



c.



d. e. f.




2. **Write the place value of the coloured digit in each of the following:**

a. 7 **3** 8 = **30** b. 5 4 **6** = **6** c. 3 7 **8** = **8**

d. **8** 4 1 = **800** e. **6** 3 7 = **600** f. 7 **0** 6 = **0**

3. **Write the face value of the coloured digit in each of the following:**

a. 7 4 **4** = **4** b. 9 1 **8** = **8** c. **3** 7 3 = **3**

d. **7** 7 6 = **7** e. 5 **0** 9 = **0** f. 7 8 **8** = **8**

4. **Write the expanded form of each of the following:**

a. 274 = 2 hundreds + 7 tens + 4 ones
= 200 + 70 + 4

b. 337 = 3 hundreds + 3 tens + 7 ones
= 300 + 30 + 7

c. 428 = 4 hundreds + 2 tens + 8 ones
= 400 + 20 + 8

d. 547 = 5 hundreds + 4 tens + 7 ones
= 500 + 40 + 7

e. 685 = 6 hundreds + 8 tens + 5 ones
= 600 + 80 + 5

f. 809 = 8 hundreds + 9 ones
= 800 + 0 + 9

5. **Write the short form of each of the following:**

a. 400 + 80 + 6 = **486** b. 600 + 50 + 3 = **653**

c. 800 + 90 + 8 = **898** d. 900 + 90 + 7 = **997**

## Assessment Time 2.4

1. **Write the predecessor of the following numbers:**

a. 379 = Predecessor of 379 = 379 – 1 = **378**

b. 500 = Predecessor of 500 = 500 – 1 = **499**

c. 699 = Predecessor of 699 = 699 – 1 = **698**

d. 873 = Predecessor of 873 = 873 – 1 = **872**

e. 623 = Predecessor of 623 = 623 – 1 = **622**
f. 706 = Predecessor of 706 = 706 – 1 = **705**
g. 916 = Predecessor of 916 = 916 – 1 = **915**
h. 974 = Predecessor of 974 = 974 – 1 = **973**
i. 990 = Predecessor of 990 = 990 – 1 = **989**

**2. Write the successor of the following numbers:**

a. 499 = Successor of the 499 = 499 + 1 = **500**
b. 845 = Successor of the 845 = 845 + 1 = **846**
c. 638 = Successor of the 638 = 638 + 1 = **639**
d. 872 = Successor of the 872 = 872 + 1 = **873**
e. 389 = Successor of the 389 = 389 + 1 = **390**
f. 670 = Successor of the 670 = 670 + 1 = **671**
g. 784 = Successor of the 784 = 784 + 1 = **785**
h. 589 = Successor of the 589 = 589 + 1 = **590**
i. 999 = Successor of the 999 = 999 + 1 = **1000**

**3. Which number comes between the given numbers?**

| | | | | | |
|---|---|---|---|---|---|
| 463 | **464** | 465 | 615 | **616** | 617 |
| 719 | **720** | 721 | 889 | **890** | 891 |
| 654 | **655** | 656 | 428 | **429** | 430 |
| 258 | **259** | 260 | 863 | **864** | 865 |

## Assessment Time 2.5

**1. Put '>', '<' or '=' in the boxes:**

a. 278 < 284 b. 564 = 564
c. 653 < 668 d. 749 < 769

2. Arrange the following numbers in ascending order:

a. 346, 784, 643, 479
Since 346 < 479 < 643 < 784
So, ascending order: **346, 479, 643, 784**

b. 516, 728, 912, 376
Since 376 < 516 < 728 < 912
So, ascending order: **376, 516, 728, 912**

**3. Arrange the following numbers in descending order:**

a. 499, 638, 235, 579
Since, 638 > 579 > 499 > 235
So, descending order: **638, 579, 499, 235**

b. 645, 537, 819, 478
Since, 819 > 645 > 537 > 478
So, descending order: **819, 645, 537, 478**

## Assessment Time 2.6

**1. Form the greatest numbers with the given digits:**

a. 5, 7, 2; Descending order of the given digit = 7, 5, 2
So, Greatest number = **752**

b. 8, 6, 5; Descending order of the given digit = 8, 6, 5
So, Greatest number = **865**

c. 7, 8, 9; Descending order of the given digit = 9, 8, 7
So, Greatest number = **987**

d. 3, 0, 4; Descending order of the given digit = 4, 3, 0
So, Greatest number = **430**

**2. Form the smallest number with the given digits:**

a. 4, 2, 7; Ascending order of the given digit = 2, 4, 7
So, Smallest number = **247**

b. 7, 5, 8; Ascending order of the given digit = 5, 7, 8
So, Smallest number = **578**

c. 9, 0, 6; Ascending order of the given digit = 0, 6, 9
So, Smallest number = **609**

d. 4, 9, 2; Ascending order of the given digit = 2, 4, 9
So, Smallest number = **249**

**Mental Maths**

1. The predecessor of 670 is 670 – 1 = **669**
2. The successor of 899 is 899 = 899 + 1 = **900**
3. The greatest number by digit 5, 8, 3 = **853**
4. The smallest number by digits 4, 0,7 = **407**

**Multiple Choice Questions**

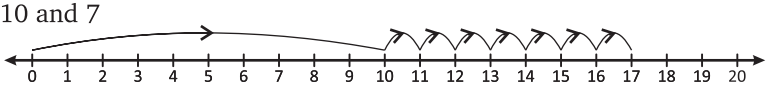
1. (c) 2. (a) 3. (b) 4. (c) 5. (c)

# Chapter-3: Addition

## Assessment Time 3.1

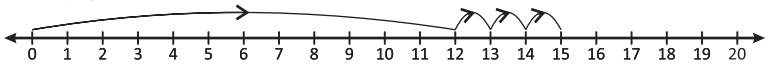
**Add the following numbers on the number line:**

**1.** 10 and 7



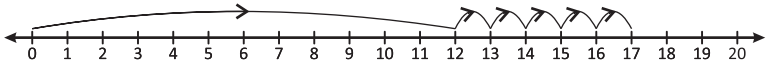

So, 10 + 7 = 17

**2.** 12 and 3



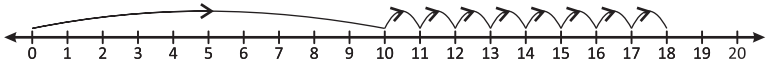

So, 12 + 3 = 15

**3.** 12 and 5




So, 12 + 5 = 17

**4.** 8 and 10




So, 8 + 10 = 18

## Assessment Time 3.2

**1. Add the following:**

a.

| | T | O |
|---|---|---|
| | 5 | 5 |
| + | 1 | 3 |
| | 6 | 8 |

b.

| | T | O |
|---|---|---|
| | 4 | 2 |
| + | 2 | 5 |
| | 6 | 7 |

c.

| | T | O |
|---|---|---|
| | 6 | 3 |
| + | 2 | 6 |
| | 8 | 9 |

d.

| | T | O |
|---|---|---|
| | 3 | 5 |
| + | 6 | 3 |
| | 9 | 8 |

e.

| | T | O |
|---|---|---|
| | 5 | 5 |
| + | 1 | 3 |
| | 6 | 8 |

f.

| | T | O |
|---|---|---|
| | 4 | 2 |
| + | 2 | 5 |
| | 6 | 7 |

g.

| | T | O |
|---|---|---|
| | 6 | 3 |
| + | 2 | 6 |
| | 8 | 9 |

h.

| | T | O |
|---|---|---|
| | 3 | 5 |
| + | 6 | 3 |
| | 9 | 8 |

e.

| | T | O |
|---|---|---|
| | 3 | 2 |
| + | 3 | 6 |
| | 6 | 8 |

f.

| | T | O |
|---|---|---|
| | 5 | 4 |
| + | 3 | 2 |
| | 8 | 6 |

g.

| | T | O |
|---|---|---|
| | 6 | 2 |
| + | 2 | 3 |
| | 8 | 5 |

h.

| | T | O |
|---|---|---|
| | 2 | 8 |
| + | 4 | 1 |
| | 6 | 9 |

## Assessment Time 3.3

1. Add the following:

a.

| | H | T | O |
|---|---|---|---|
| | 6 | 3 | 0 |
| + | 2 | 5 | 6 |
| | 8 | 8 | 6 |

b.

| | H | T | O |
|---|---|---|---|
| | 5 | 7 | 7 |
| + | 1 | 2 | 1 |
| | 6 | 9 | 8 |

c.

| | H | T | O |
|---|---|---|---|
| | 1 | 2 | 0 |
| + | 7 | 2 | 5 |
| | 8 | 4 | 5 |

d.

| | H | T | O |
|---|---|---|---|
| | 7 | 1 | 5 |
| + | 1 | 3 | 2 |
| | 8 | 4 | 7 |

e.

| | H | T | O |
|---|---|---|---|
| | 2 | 3 | 6 |
| + | 4 | 1 | 2 |
| | 6 | 4 | 8 |

f.

| | H | T | O |
|---|---|---|---|
| | 2 | 3 | 4 |
| + | 3 | 4 | 3 |
| | 5 | 7 | 7 |

g.

| | H | T | O |
|---|---|---|---|
| | 6 | 1 | 9 |
| + | 2 | 4 | 0 |
| | 8 | 5 | 9 |

h.

| | H | T | O |
|---|---|---|---|
| | 5 | 2 | 7 |
| + | 2 | 5 | 1 |
| | 7 | 7 | 8 |

i.

| | H | T | O |
|---|---|---|---|
| | 5 | 2 | 3 |
| + | 1 | 2 | 5 |
| | 6 | 4 | 8 |

j.

| | H | T | O |
|---|---|---|---|
| | 5 | 0 | 6 |
| + | 2 | 4 | 3 |
| | 7 | 4 | 9 |

k.

| | H | T | O |
|---|---|---|---|
| | 3 | 1 | 2 |
| + | 4 | 3 | 1 |
| | 7 | 4 | 3 |

l.

| | H | T | O |
|---|---|---|---|
| | 4 | 2 | 3 |
| + | 3 | 1 | 2 |
| | 7 | 3 | 5 |

## Assessment Time 3.4

1. Add the following:

a.

| | T | O |
|---|---|---|
| | 1 | |
| | 4 | 5 |
| + | 7 | 8 |
| **1** | **2** | **3** |

b.

| | T | O |
|---|---|---|
| | 1 | |
| | 7 | 6 |
| + | 6 | 8 |
| **1** | **4** | **4** |

c.

| | T | O |
|---|---|---|
| | 1 | |
| | 6 | 7 |
| + | 5 | 5 |
| **1** | **2** | **2** |

d.

| | T | O |
|---|---|---|
| | 1 | |
| | 5 | 7 |
| + | 3 | 9 |
| | **9** | **6** |

e.

| | T | O |
|---|---|---|
| | 1 | |
| | 5 | 9 |
| + | 4 | 8 |
| **1** | **0** | **7** |

f.

| | T | O |
|---|---|---|
| | 1 | |
| | 7 | 8 |
| + | 3 | 5 |
| **1** | **1** | **3** |

g.

| | T | O |
|---|---|---|
| | 1 | |
| | 9 | 7 |
| + | 3 | 4 |
| **1** | **3** | **1** |

h.

| | T | O |
|---|---|---|
| | 1 | |
| | 8 | 8 |
| + | 2 | 5 |
| **1** | **1** | **3** |

i.

| | T | O |
|---|---|---|
| | 1 | |
| | 7 | 4 |
| + | 1 | 8 |
| | **9** | **2** |

j.

| | T | O |
|---|---|---|
| | 1 | |
| | 5 | 9 |
| + | 6 | 3 |
| **1** | **2** | **2** |

k.

| | T | O |
|---|---|---|
| | 1 | |
| | 4 | 8 |
| + | 3 | 8 |
| | **8** | **6** |

l .

| | T | O |
|---|---|---|
| | 1 | |
| | 7 | 5 |
| + | 4 | 5 |
| **1** | **2** | **0** |

## Assessment time 3.5

1. Add the following:

a.

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 7 | 6 | 8 |
| + | 2 | 8 | 9 |
| **1** | **0** | **5** | **7** |

b.

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 7 | 5 | 8 |
| + | 2 | 8 | 4 |
| **1** | **0** | **4** | **2** |

c.

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 7 | 5 | 4 |
| + | 1 | 4 | 9 |
| | **9** | **0** | **3** |

d.

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 4 | 4 | 6 |
| + | 2 | 5 | 9 |
| | **7** | **0** | **5** |

e.

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 3 | 4 | 7 |
| + | 1 | 5 | 8 |
| | **5** | **0** | **5** |

f.

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 1 | 5 | 6 |
| + | 1 | 8 | 7 |
| | **3** | **4** | **3** |

g.

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 2 | 8 | 6 |
| + | 3 | 4 | 9 |
| | **6** | **3** | **5** |

h.

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 5 | 2 | 6 |
| + | 1 | 7 | 9 |
| | **7** | **0** | **5** |

**2. Add the following:**

a.

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 4 | 4 | 5 |
| | 1 | 2 | 8 |
| + | 2 | 3 | 4 |
| | **8** | **0** | **7** |

b.

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 4 | 7 | 2 |
| | 1 | 5 | 3 |
| + | 2 | 5 | 8 |
| | **8** | **8** | **3** |

c.

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 2 | 4 | 8 |
| | 1 | 6 | 4 |
| + | 1 | 8 | 3 |
| | **5** | **9** | **5** |

d.

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 5 | 5 | 2 |
| | 1 | 2 | 7 |
| + | 2 | 6 | 9 |
| | **9** | **4** | **8** |

e.

| | H | T | O |
|---|---|---|---|
| | 2 | 2 | |
| | 1 | 6 | 7 |
| | 2 | 8 | 8 |
| + | 3 | 5 | 6 |
| | **8** | **1** | **1** |

f.

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 3 | 1 | 5 |
| | 2 | 8 | 6 |
| + | 1 | 9 | 7 |
| | **7** | **9** | **8** |

g.

| | H | T | O |
|---|---|---|---|
| | 1 | 2 | |
| | 2 | 1 | 8 |
| | 3 | 8 | 7 |
| + | 1 | 6 | 5 |
| | **7** | **7** | **0** |

h.

| | H | T | O |
|---|---|---|---|
| | 2 | 1 | |
| | 2 | 5 | 7 |
| | 3 | 8 | 4 |
| + | 1 | 6 | 3 |
| | **8** | **0** | **4** |

## Assessment Time 3.6

1. A furniture dealer sells chair = 186
   Number of stools = 88
   Number of table = 146
   Total items he sell = 186 + 88 + 146
   = 420

   Hence, furniture dealer sells **420 items** in all.

2. There are hens = 258
   Goats = 84
   Dogs = 34
   Total number of animals = (258 + 84 + 34) = 376

   Hence, There are **376 animals** in the farm house.

3. Cheena has = ₹ 348
Her brother has = ₹ 559
So, they together = ₹ (348 + 559) = ₹ 907

Hence, they have ₹ **907** together.

4. In an orchard, mango trees are = 186
Papaya trees = 138
Guava trees =84
So, total number of trees in orchard = 186 + 138 + 84
= 408

Hence, total number of trees in orchard is **408**.

5. We folded dresses = 14
Shirts = 28
Jeans = 15
Kurtas = 42

Total items we folded = 14 + 28 + 15 + 42 = 99

Hence, we fold **99 clothes** in all.

6. Mohit plant peaches = 78
He plant oranges = 118
and eucalyptus = 264
So, total number of plants he planted = 78 + 118 + 264
= 460

Hence, Mohit plant **460 trees** on environment day.

**Mental Math**

1. 34 + 43 is same as 43 + 34
2. 42 + 0 is equal to 42
3. 20 more than 68 = 68 + 20 = 88
4. 16 less than 74 = 74 – 16 = 58
5. 225 more than 550 = 550 + 225 = 775

**Multiple Choice Questions**

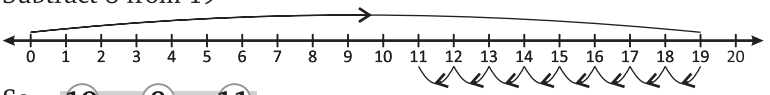
1. (c) 2. (c) 3. (d) 4. (b) 5. (d)

# Chapter-4: Subtraction

## Assessment Time 4.1

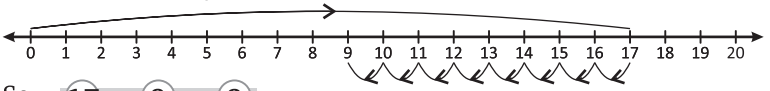
**Subtract the following numbers on the number line:**

1. Subtract 8 from 19



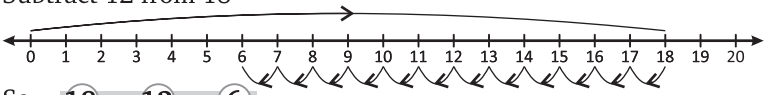

So, 19 – 8 = 11

2. Subtract 8 from 17



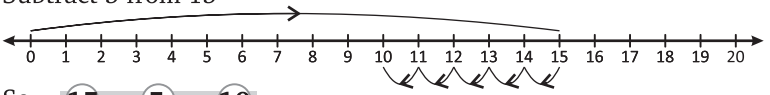

So, 17 – 8 = 9

3. Subtract 12 from 18




So, 18 – 12 = 6

4. Subtract 5 from 15




So, 15 – 5 = 10

## Assessment Time 4.2

**1. Subtract the following:**

a.

| | T | O |
|---|---|---|
| | 6 | 8 |
| – | 4 | 3 |
| | **2** | **5** |

b.

| | T | O |
|---|---|---|
| | 6 | 4 |
| – | 3 | 2 |
| | **3** | **2** |

c.

| | T | O |
|---|---|---|
| | 8 | 9 |
| – | 2 | 8 |
| | **6** | **1** |

d.

| | T | O |
|---|---|---|
| | 7 | 7 |
| – | 2 | 3 |
| | **5** | **4** |

e.

| | T | O |
|---|---|---|
| | 4 | 4 |
| – | 2 | 3 |
| | **2** | **1** |

f.

| | T | O |
|---|---|---|
| | 7 | 9 |
| – | 3 | 8 |
| | **4** | **1** |

g.

| | T | O |
|---|---|---|
| | 3 | 8 |
| – | 1 | 4 |
| | **2** | **4** |

h.

| | T | O |
|---|---|---|
| | 5 | 5 |
| – | 3 | 4 |
| | **2** | **1** |

i.

| | T | O |
|---|---|---|
| | 6 | 9 |
| – | 3 | 7 |
| | **3** | **2** |

j.

| | T | O |
|---|---|---|
| | 8 | 4 |
| – | 3 | 2 |
| | **5** | **2** |

k.

| | T | O |
|---|---|---|
| | 6 | 4 |
| – | 2 | 3 |
| | **4** | **1** |

l.

| | T | O |
|---|---|---|
| | 7 | 3 |
| – | 5 | 3 |
| | **2** | **0** |

## Assessment Time 4.3

**1. Subtract the following:**

a.

| | H | T | O |
|---|---|---|---|
| | 9 | 8 | 8 |
| – | 6 | 5 | 4 |
| | **3** | **3** | **4** |

b.

| | H | T | O |
|---|---|---|---|
| | 6 | 4 | 8 |
| – | 3 | 3 | 4 |
| | **3** | **1** | **4** |

c.

| | H | T | O |
|---|---|---|---|
| | 7 | 5 | 9 |
| – | 4 | 2 | 8 |
| | **3** | **3** | **1** |

d.

| | H | T | O |
|---|---|---|---|
| | 8 | 5 | 8 |
| – | 6 | 3 | 4 |
| | **2** | **2** | **4** |

e.

| | H | T | O |
|---|---|---|---|
| | 4 | 1 | 7 |
| – | 3 | 1 | 6 |
| | **1** | **0** | **1** |

f.

| | H | T | O |
|---|---|---|---|
| | 8 | 2 | 8 |
| – | 6 | 1 | 6 |
| | **2** | **1** | **2** |

g.

| | H | T | O |
|---|---|---|---|
| | 7 | 6 | 4 |
| – | 5 | 4 | 2 |
| | **2** | **2** | **2** |

h.

| | H | T | O |
|---|---|---|---|
| | 7 | 5 | 8 |
| – | 6 | 3 | 4 |
| | **1** | **2** | **4** |

i.

| | H | T | O |
|---|---|---|---|
| | 8 | 9 | 9 |
| – | 5 | 8 | 3 |
| | **3** | **1** | **6** |

j.

| | H | T | O |
|---|---|---|---|
| | 9 | 7 | 4 |
| – | 6 | 3 | 2 |
| | **3** | **4** | **2** |

k.

| | H | T | O |
|---|---|---|---|
| | 6 | 7 | 6 |
| – | 3 | 2 | 5 |
| | **3** | **5** | **1** |

l.

| | H | T | O |
|---|---|---|---|
| | 5 | 7 | 7 |
| – | 2 | 4 | 3 |
| | **3** | **3** | **4** |

## Assessment Time 4.4

**1. Subtract the following:**

a.

| | T | O |
|---|---|---|
| | 8 | 12 |
| | ~~9~~ | ~~2~~ |
| – | 6 | 5 |
| | **2** | **7** |

b.

| | T | O |
|---|---|---|
| | 5 | 13 |
| | ~~6~~ | ~~3~~ |
| – | 4 | 8 |
| | **1** | **5** |

c.

| | T | O |
|---|---|---|
| | 7 | 15 |
| | ~~8~~ | ~~5~~ |
| – | 5 | 9 |
| | **2** | **6** |

d.

| | T | O |
|---|---|---|
| | 2 | 10 |
| | ~~3~~ | ~~0~~ |
| – | 1 | 8 |
| | **1** | **2** |

e.

| | T | O |
|---|---|---|
| | 8 | 14 |
| | ~~9~~ | ~~4~~ |
| – | 7 | 8 |
| | **1** | **6** |

f.

| | T | O |
|---|---|---|
| | 5 | 13 |
| | ~~6~~ | ~~3~~ |
| – | 3 | 8 |
| | **2** | **5** |

g.

| | T | O |
|---|---|---|
| | 3 | 13 |
| | ~~4~~ | ~~3~~ |
| – | 3 | 6 |
| | **0** | **7** |

h.

| | T | O |
|---|---|---|
| | 4 | 11 |
| | ~~5~~ | ~~1~~ |
| – | 2 | 9 |
| | **2** | **2** |

i.

| | T | O |
|---|---|---|
| | 5 | 10 |
| | ~~6~~ | ~~0~~ |
| – | 3 | 6 |
| | **2** | **4** |

j.

| | T | O |
|---|---|---|
| | 3 | 15 |
| | ~~4~~ | ~~5~~ |
| – | 2 | 8 |
| | **1** | **7** |

k.

| | T | O |
|---|---|---|
| | 6 | 10 |
| | ~~7~~ | ~~0~~ |
| – | 2 | 4 |
| | **4** | **6** |

l.

| | T | O |
|---|---|---|
| | 7 | 16 |
| | ~~8~~ | ~~6~~ |
| – | 3 | 8 |
| | **4** | **8** |

## Assessment Time 4.4

1. **Subtract the following:**

a.

| | H | T | O |
|---|---|---|---|
| | 7 | 12 | 15 |
| | ~~8~~ | ~~3~~ | ~~5~~ |
| – | 5 | 6 | 8 |
| | **2** | **6** | **7** |

b.

| | H | T | O |
|---|---|---|---|
| | 7 | 14 | 10 |
| | ~~8~~ | ~~5~~ | ~~0~~ |
| – | 3 | 8 | 9 |
| | **4** | **6** | **1** |

c.

| | H | T | O |
|---|---|---|---|
| | 4 | 15 | |
| | ~~5~~ | ~~5~~ | 0 |
| – | 3 | 6 | 0 |
| | **1** | **9** | **0** |

d.

| | H | T | O |
|---|---|---|---|
| | 5 | 10 | 13 |
| | ~~6~~ | ~~1~~ | ~~3~~ |
| – | 3 | 8 | 9 |
| | **2** | **2** | **4** |

e.

| | H | T | O |
|---|---|---|---|
| | 3 | 14 | 11 |
| | ~~4~~ | ~~5~~ | ~~1~~ |
| – | 2 | 8 | 6 |
| | **1** | **6** | **5** |

f.

| | H | T | O |
|---|---|---|---|
| | 5 | 11 | 13 |
| | ~~6~~ | ~~2~~ | ~~3~~ |
| – | 4 | 8 | 4 |
| | **1** | **3** | **9** |

g.

| | H | T | O |
|---|---|---|---|
| | 1 | 14 | 12 |
| | ~~2~~ | ~~5~~ | ~~2~~ |
| – | 1 | 6 | 8 |
| | **0** | **8** | **4** |

h.

| | H | T | O |
|---|---|---|---|
| | 4 | 12 | 12 |
| | ~~5~~ | ~~3~~ | ~~2~~ |
| – | 1 | 8 | 6 |
| | **3** | **4** | **6** |

i.

| | H | T | O |
|---|---|---|---|
| | 3 | 11 | 13 |
| | ~~4~~ | ~~2~~ | ~~3~~ |
| – | 2 | 8 | 5 |
| | **1** | **3** | **8** |

j.

| | H | T | O |
|---|---|---|---|
| | 6 | 13 | 13 |
| | ~~7~~ | ~~4~~ | ~~3~~ |
| – | 2 | 8 | 4 |
| | **4** | **5** | **9** |

k.

| | H | T | O |
|---|---|---|---|
| | 4 | 9 | 10 |
| | ~~5~~ | ~~0~~ | ~~0~~ |
| – | 1 | 8 | 4 |
| | **3** | **1** | **6** |

l.

| | H | T | O |
|---|---|---|---|
| | | 5 | 12 |
| | 8 | ~~6~~ | ~~2~~ |
| – | 5 | 3 | 9 |
| | **3** | **2** | **3** |

m.

| | H | T | O |
|---|---|---|---|
| | 5 | 9 | 10 |
| | ~~6~~ | ~~0~~ | ~~0~~ |
| – | 4 | 5 | 6 |
| | **1** | **4** | **4** |

n.

| | H | T | O |
|---|---|---|---|
| | 6 | 11 | |
| | ~~7~~ | ~~1~~ | 2 |
| – | 6 | 5 | 2 |
| | **0** | **6** | **0** |

o.

| | H | T | O |
|---|---|---|---|
| | 5 | 16 | 12 |
| | ~~6~~ | ~~7~~ | ~~2~~ |
| – | 1 | 8 | 5 |
| | **4** | **8** | **7** |

p.

| | H | T | O |
|---|---|---|---|
| | | 4 | 10 |
| | 3 | ~~5~~ | ~~0~~ |
| – | 1 | 3 | 8 |
| | **2** | **1** | **2** |

q.

| | H | T | O |
|---|---|---|---|
| | 6 | 9 | 10 |
| | ~~7~~ | ~~0~~ | ~~0~~ |
| – | 4 | 5 | 6 |
| | **2** | **4** | **4** |

r.

| | H | T | O |
|---|---|---|---|
| | 8 | 11 | |
| | ~~9~~ | ~~1~~ | 2 |
| – | 6 | 5 | 2 |
| | **2** | **6** | **0** |

s.

| | H | T | O |
|---|---|---|---|
| | 2 | 16 | 12 |
| | ~~3~~ | ~~7~~ | ~~2~~ |
| – | 1 | 8 | 5 |
| | **1** | **8** | **7** |

t.

| | H | T | O |
|---|---|---|---|
| | | 4 | 10 |
| | 4 | ~~5~~ | ~~0~~ |
| – | 1 | 3 | 8 |
| | **3** | **1** | **2** |

## Assessment Time 4.6

1. A shopkeeper bought LED = 375
   He sold out = 289
   So, left LED = 375 – 289 = 86

   Hence, **86 LED** televisions are left.

2. A shopkeeper has jeans = 450
   He sold out = 413
   So, left jeans = 450 – 413 = 37

   Hence, **37 jeans** are left.

3. Sneha has = ₹ 800
   On her birthday she spend = ₹ 567
   So, left money with her = ₹ (800 – 567) = ₹ 233

   Hence, ₹ 233 left with her.

4. Passengers in train = 378
Got down passenger at a station = 289
Remain passenger in train = 378 – 289 = 89
Hence, **89 passenger** were left in the train.

5. Total trees guava and papayas in orchard = 679
Out of them guava trees = 489
So, papayas trees in orchard = 679 – 489
= 190
Hence, **190 papaya** trees in the orchard.

6. A man has kites on Basant Panchmi = 500
He sold out of them = 432
So, remain kites with him = 500 – 432 = 68
Hence, **68 kites** are left with him.

**SEL**

Total apples =148
Distributed apples = 139
Left apples = 148 – 139 = 9
Hence,, 9 apples are left.

## Assessment 4.7

**1. Simplify the following:**

a.

| | H | T | O |
|---|---|---|---|
| | | 1 | |
| | | 9 | 7 |
| + | | 6 | 8 |
| | **1** | **6** | **5** |

| | H | T | O |
|---|---|---|---|
| | | 5 | 15 |
| | 1 | ~~6~~ | ~~5~~ |
| – | | 2 | 9 |
| | **1** | **3** | **6** |

b.

| | H | T | O |
|---|---|---|---|
| | | | |
| | | 6 | 7 |
| + | | 3 | 4 |
| | **1** | **0** | **1** |

| | H | T | O |
|---|---|---|---|
| | 0 | 9 | 11 |
| | ~~1~~ | ~~0~~ | ~~1~~ |
| – | | 4 | 7 |
| | | **5** | **4** |

c.

| | H | T | O |
|---|---|---|---|
| | | 1 | |
| | 2 | 1 | 5 |
| + | | 1 | 8 |
| | **2** | **3** | **3** |

| | H | T | O |
|---|---|---|---|
| | | 2 | 13 |
| | 2 | ~~3~~ | ~~3~~ |
| – | 1 | 2 | 4 |
| | **1** | **0** | **9** |

d.

| | H | T | O |
|---|---|---|---|
| | | 1 | |
| | 4 | 1 | 8 |
| + | 3 | 1 | 6 |
| | **7** | **3** | **4** |

| | H | T | O |
|---|---|---|---|
| | | 2 | 14 |
| | 7 | ~~3~~ | ~~4~~ |
| – | 5 | 2 | 6 |
| | **2** | **0** | **8** |

e.

| | H | T | O |
|---|---|---|---|
| | | 1 | |
| | 7 | 0 | 9 |
| + | 1 | 0 | 8 |
| | **8** | **1** | **7** |

| | H | T | O |
|---|---|---|---|
| | 7 | 10 | 17 |
| | ~~8~~ | ~~1~~ | ~~7~~ |
| – | 5 | 4 | 8 |
| | **2** | **6** | **9** |

f.

| | H | T | O |
|---|---|---|---|
| | | | |
| | 5 | 3 | 2 |
| + | 4 | 1 | 2 |
| | **9** | **4** | **4** |

| | H | T | O |
|---|---|---|---|
| | | 1 | |
| | 9 | 4 | 4 |
| + | 7 | 3 | 9 |
| **1** | **6** | **8** | **3** |

g.

| | H | T | O |
|---|---|---|---|
| | | 1 | |
| | 4 | 1 | 9 |
| + | 4 | 5 | 8 |
| | **8** | **7** | **7** |

| | H | T | O |
|---|---|---|---|
| | | 6 | 17 |
| | 8 | ~~7~~ | ~~7~~ |
| – | 5 | 6 | 9 |
| | **3** | **0** | **8** |

h.

| | H | T | O |
|---|---|---|---|
| | | 1 | |
| | 5 | 1 | 8 |
| + | 3 | 1 | 7 |
| | **8** | **3** | **5** |

| | H | T | O |
|---|---|---|---|
| | | 2 | 15 |
| | 8 | ~~3~~ | ~~5~~ |
| – | 7 | 1 | 8 |
| | **1** | **1** | **7** |

i.

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 7 | 9 | 6 |
| + | 2 | 6 | 8 |
| **1** | **0** | **6** | **4** |

| | H | T | O |
|---|---|---|---|
| | 10 | 5 | 14 |
| 1 | ~~0~~ | ~~6~~ | ~~4~~ |
| – | 7 | 5 | 6 |
| | **3** | **0** | **8** |

**Mental Math**

1. 68 (–) 43 = 25
2. 650 (+) 250 (–) 150 = ₹ 750
3. 250 (+) 60 = 310
4. 56 (–) 47 = 9

**Multiple Choice Questions**

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

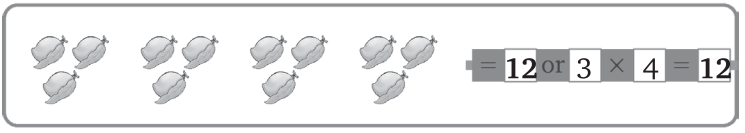
# Chapter-5: Multiplication

## Assessment Time 5.1

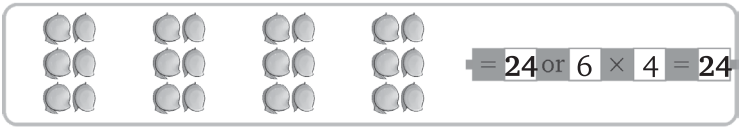
**1. Fill in the boxes:**

a.

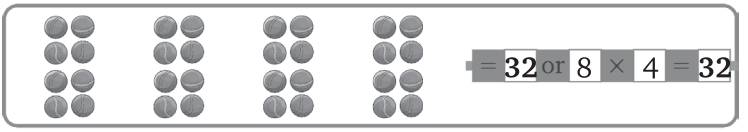
b.



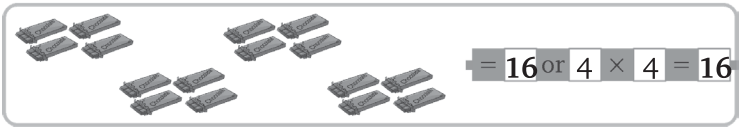
c.




d.



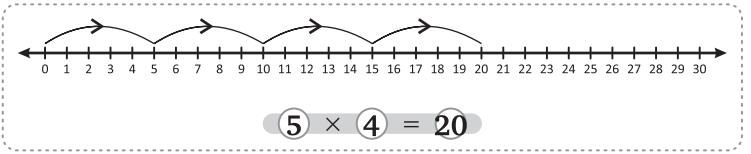

e.



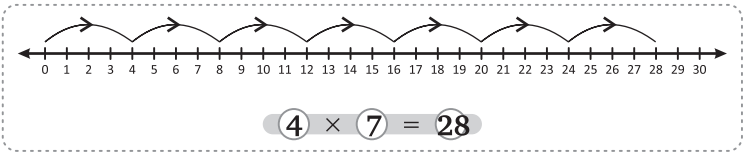

## Assessment Time 5.2

**1. Using the number line, multiply the following:**

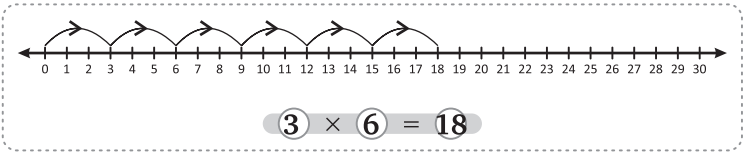
a. Multiply 5 by 4




b. Multiply 4 by 7




c. Multiply 3 by 6




## Assessment Time 5.3

**1. Fill in the blanks:**

a. $7 \times 5 = 5 \times$ **7**

b. $10 \times 5 =$ **5** $\times 10$

c. $5 \times 8 =$ **8** $\times 5$

d. $9 \times 8 = 8 \times$ **9**

e. $8 \times 1 =$ **8**

f. $7 \times$ **1** $= 7$

g. $7 \times 0 =$ **0**

h. $6 \times$ **0** $= 0$

i. $5 \times 1 =$ **5**

## Assessment Time 5.4

1. Using multiplication tables, find the product of the following:

a. 8 × 7 = 56 b. 7 × 5 = 35 c. 8 × 9 = 72

d. 7 × 9 = 63 e. 8 × 7 = 56 f. 8 × 6 = 48

g. 9 × 7 = 63 h. 5 × 9 = 45 i. 9 × 8 = 72

j. 8 × 5 = 40 k. 9 × 10 = 90 l. 4 × 4 = 16

m. 4 × 8 = 32 n. 6 × 3 = 18 o. 10 × 2 = 20

p. 9 × 7 = 63 q. 8 × 7 = 56 r. 10 × 3 = 30

## Assessment Time 5.5

1. Multiply the following:

a.

| | T | O |
|---|---|---|
| | 3 | 2 |
| × | | 3 |
| | **9** | **6** |

b.

| | T | O |
|---|---|---|
| | 2 | 4 |
| × | | 2 |
| | **4** | **8** |

c.

| | T | O |
|---|---|---|
| | 3 | 3 |
| × | | 3 |
| | **9** | **9** |

d.

| | T | O |
|---|---|---|
| | 2 | 4 |
| × | | 1 |
| | **2** | **4** |

e.

| | T | O |
|---|---|---|
| | 4 | 4 |
| × | | 2 |
| | **8** | **8** |

f.

| | T | O |
|---|---|---|
| | 2 | 2 |
| × | | 3 |
| | **6** | **6** |

g.

| | T | O |
|---|---|---|
| | 2 | 3 |
| × | | 3 |
| | **6** | **9** |

h.

| | T | O |
|---|---|---|
| | 3 | 2 |
| × | | 2 |
| | **6** | **4** |

i.

| | T | O |
|---|---|---|
| | 4 | 3 |
| × | | 3 |
| **1** | **2** | **9** |

j.

| | T | O |
|---|---|---|
| | 4 | 0 |
| × | | 2 |
| | **8** | **0** |

k.

| | T | O |
|---|---|---|
| | 4 | 2 |
| × | | 4 |
| **1** | **6** | **8** |

l.

| | T | O |
|---|---|---|
| | 4 | 1 |
| × | | 2 |
| | **8** | **4** |

## Assessment Time 5.6

1. Multiply the following:

a.

| | H | T | O |
|---|---|---|---|
| | 3 | 2 | 2 |
| × | | | 2 |
| | **6** | **4** | **4** |

b.

| | H | T | O |
|---|---|---|---|
| | 2 | 1 | 3 |
| × | | | 2 |
| | **4** | **2** | **6** |

c.

| | H | T | O |
|---|---|---|---|
| | 3 | 4 | 5 |
| × | | | 1 |
| | **3** | **4** | **5** |

d.

| | H | T | O |
|---|---|---|---|
| | 3 | 2 | 3 |
| × | | | 3 |
| | **9** | **6** | **9** |

e.

| | H | T | O |
|---|---|---|---|
| | 3 | 3 | 2 |
| × | | | 2 |
| | **6** | **6** | **4** |

f.

| | H | T | O |
|---|---|---|---|
| | 2 | 1 | 3 |
| × | | | 3 |
| | **2** | **3** | **9** |

g.

| | H | T | O |
|---|---|---|---|
| | 4 | 0 | 2 |
| × | | | 2 |
| | **8** | **0** | **4** |

h.

| | H | T | O |
|---|---|---|---|
| | 3 | 3 | 3 |
| × | | | 3 |
| | **9** | **9** | **9** |

i.

| | H | T | O |
|---|---|---|---|
| | 4 | 0 | 4 |
| × | | | 2 |
| | **8** | **0** | **8** |

j.

| | H | T | O |
|---|---|---|---|
| | 2 | 3 | 2 |
| × | | | 3 |
| | **6** | **9** | **6** |

k.

| | H | T | O |
|---|---|---|---|
| | 3 | 2 | 4 |
| × | | | 2 |
| | **6** | **4** | **8** |

l.

| | H | T | O |
|---|---|---|---|
| | 2 | 3 | 4 |
| × | | | 2 |
| | **4** | **6** | **8** |

## Assessment Time 5.7

**1. Multiply the following:**

a.

| | T | O |
|---|---|---|
| | 5 | |
| | 4 | 9 |
| × | | 6 |
| **2** | **9** | **4** |

b.

| | T | O |
|---|---|---|
| | 4 | |
| | 9 | 6 |
| × | | 7 |
| **6** | **7** | **2** |

c.

| | T | O |
|---|---|---|
| | 3 | |
| | 8 | 5 |
| × | | 6 |
| **5** | **1** | **0** |

d.

| | T | O |
|---|---|---|
| | 2 | |
| | 8 | 4 |
| × | | 5 |
| **4** | **2** | **0** |

e.

| | T | O |
|---|---|---|
| | 1 | |
| | 7 | 6 |
| × | | 3 |
| **2** | **2** | **8** |

f.

| | T | O |
|---|---|---|
| | 7 | |
| | 3 | 9 |
| × | | 8 |
| **3** | **1** | **2** |

g.

| | T | O |
|---|---|---|
| | 8 | |
| | 5 | 6 |
| × | | 8 |
| **4** | **8** | **8** |

h.

| | T | O |
|---|---|---|
| | | |
| | 6 | 7 |
| × | | 3 |
| **2** | **0** | **1** |

i.

| | T | O |
|---|---|---|
| | 6 | |
| | 3 | 9 |
| × | | 7 |
| **2** | **7** | **3** |

j.

| | T | O |
|---|---|---|
| | 3 | |
| | 4 | 8 |
| × | | 4 |
| **1** | **9** | **2** |

## Assessment Time 5.8

1. **Multiply the following:**

a.

| | H | T | O |
|---|---|---|---|
| | 1 | 4 | |
| | 1 | 2 | 7 |
| × | | | 6 |
| | **7** | **6** | **2** |

b.

| | H | T | O |
|---|---|---|---|
| | 1 | 4 | |
| | 1 | 1 | 6 |
| × | | | 7 |
| | **8** | **1** | **2** |

c.

| | H | T | O |
|---|---|---|---|
| | 3 | 3 | |
| | 2 | 7 | 9 |
| × | | | 4 |
| **1** | **1** | **1** | **6** |

d.

| | H | T | O |
|---|---|---|---|
| | 7 | 4 | |
| | 1 | 9 | 6 |
| × | | | 8 |
| **1** | **5** | **6** | **8** |

e.

| | H | T | O |
|---|---|---|---|
| | 1 | 3 | |
| | 2 | 4 | 8 |
| × | | | 4 |
| | **9** | **9** | **2** |

f.

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 3 | 7 | 5 |
| × | | | 2 |
| | **7** | **5** | **0** |

g.

| | H | T | O |
|---|---|---|---|
| | 2 | 2 | |
| | 2 | 3 | 3 |
| × | | | 9 |
| **2** | **0** | **9** | **7** |

h.

| | H | T | O |
|---|---|---|---|
| | 2 | 1 | |
| | 1 | 9 | 5 |
| × | | | 3 |
| | **5** | **8** | **5** |

## Assessment Time 5.9

1. Number of page in one book = 288
   So, number of pages in 6 book = 288 × 6
   = 1728
2. Number of students in school = 266
   Total toffees distributed = 266 × 4
   = 1064
3. Number of students in one class = 49
   So, number of students in 6 classes = 49 × 6
   = 294
4. Number of trees in one row = 56
   So, number of trees in 8 rows = 56 × 8
   = 448

5. Number of days in one year = 365
So, number of trees in 6 years = 365 × 6
= 2190

6. Number of petals in one flower = 6
So, number of petals in 126 flowers = 126 × 6
= 756

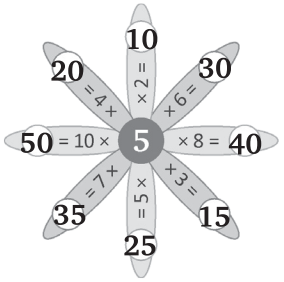
7. Number of bananas in one basket = 36
So,number of bananas in 9 such baskets = 36 × 9
= 324

8. Number of flowers in one garland = 48
So, number of flowers in 8 such garlands = 48 × 8
= 384

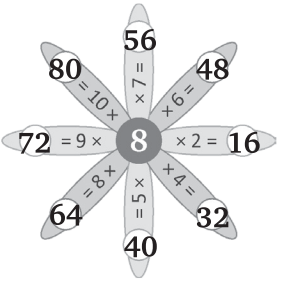
**Mental Maths**

**Fill the followers:**

1.




2.




**Multiple Choice Questions**

1. (a) 2. (a) 3. (b) 4. 49 5. 80

# Chapter-6: Division

## Assessment Time 6.1

**Do Yourself**

## Assessment Time 6.2

**1. Divide the following using repeated subtraction:**

a.

$$\begin{array}{r} 35 \\ -5 \\ \hline 30 \\ -5 \\ \hline 25 \\ -5 \\ \hline 20 \\ -5 \\ \hline 15 \\ -5 \\ \hline 10 \\ -5 \\ \hline 5 \\ -5 \\ \hline 0 \end{array}$$

Since, 5 is subtracted 7 times.
So, 35 ÷ 5 = 7

b.

$$\begin{array}{r} 24 \\ -4 \\ \hline 20 \\ -4 \\ \hline 16 \\ -4 \\ \hline 12 \\ -4 \\ \hline 8 \\ -4 \\ \hline 4 \\ -4 \\ \hline 0 \end{array}$$

Since, 4 is subtracted 6 times.
So, 24 ÷ 4 = 6

c.

$$\begin{array}{r} 80 \\ -10 \\ \hline 70 \\ -10 \\ \hline 60 \\ -10 \\ \hline 50 \\ -10 \\ \hline 40 \\ -10 \\ \hline 30 \\ -10 \\ \hline 20 \\ -10 \\ \hline 10 \\ -10 \\ \hline 0 \end{array}$$

Since, 10 is subtracted 8 times.
So, 80 ÷ 10 = 8

d.

$$\begin{array}{r} 56 \\ -8 \\ \hline 48 \\ -8 \\ \hline 42 \\ -8 \\ \hline 36 \\ -8 \\ \hline 24 \\ -8 \\ \hline 16 \\ -8 \\ \hline 8 \\ -8 \\ \hline 0 \end{array}$$

Since 8 is subtracted 7 times.
So, 56 ÷ 8 = 7

## Assessment Time 6.3 (Do yourself)

## Assessment Time 6.4

1. **Fill in the boxes with multiplication and division facts:**

a. $4 \times 8 = 32$ $\quad$ $32 \div 4 = 8$

$32 \div 8 = 4$

b. $7 \times 9 = 63$ $\quad$ $63 \div 9 = 7$

$63 \div 7 = 9$

c. $6 \times 5 = 30$ $\quad$ $30 \div 6 = 5$

$30 \div 5 = 6$

d. $10 \times 8 = 80$ $\quad$ $80 \div 10 = 8$

$80 \div 8 = 10$

## Assessment Time 6.5

1. **Divide the following:**

a. $5\overline{)35}$ = 7, $-35$, 0

b. $6\overline{)42}$ = 7, $-42$, 0

c. $7\overline{)63}$ = 9, $-63$, 0

d. $9\overline{)72}$ = 8, $-72$, 0

e. $8\overline{)48}$ = 6, $-48$, 0

f. $7\overline{)49}$ = 7, $-49$, 0

g. $2\overline{)18}$ = 9, $-18$, 0

h. $3\overline{)24}$ = 8, $-24$, 0

**2. Divide the following:**

a.
```
   18
5)90
 -5
  40
 -40
   0
```

b.
```
   14
7)98
 -7
  28
 -28
   0
```

c.
```
   11
8)88
 -8
  08
  -8
   0
```

d.
```
   15
6)90
 -6
  30
 -30
   0
```

e.
```
   13
4)52
 -4
  12
 -12
   0
```

f.
```
   12
8)96
 -8
  16
 -16
   0
```

g.
```
   14
5)70
 -5
  20
 -20
   0
```

h.
```
   13
6)78
 -6
  18
 -18
   0
```

## Assessment Time 6.6

**1. Divide and find the quotient and remainder:**

a.
```
   13
7)93
 -7
  23
 -21
   2
```
So, Quotient = **13**
Remainder =**2**

b.
```
   11
4)47
 -4
  07
  -4
   3
```
So, Quotient =**11**
Remainder =**3**

c.
```
   15
6)94
 -6
  34
 -30
   4
```
So, Quotient=**15**
Remainder =**4**

d.
```
    9
6)57
 -54
   3
```
So, Quotient=**9**
Remainder =**3**

e.
```
    8
8)70
 -64
   6
```
So, Quotient =**8**
Remainder =**6**

f.
```
   12
7)89
 -7
  19
 -14
   5
```
So, Quotient=**12**
Remainder=**5**

g.
```
     13
5 ) 98
   -5
    48
   -45
     3
```
So, Quotient=**13**
Remainder =**3**

h.
```
      9
8 ) 78
   -72
     6
```
So, Quotient =**9**
Remainder =**6**

i.
```
     12
5 ) 64
   -5
    14
   -10
     4
```
So, Quotient=**12**
Remainder =**4**

## Assessment Time 6.7

1. Number of balls = 48
   Number of children = 8
   So, each children get = 48 ÷ 8 = 6
2. Number of chocolates to be distributed = 56
   Number of children = 7
   So, each child get = 56 ÷ 7 = 8
3. Number of students = 48
   Number of row = 6
   So, each children in one row = 48 ÷ 6 = 8

**SDG-Zero Hunger**

Number of apples cheery bought = 48
Number of children = 24
So, each child get = 48 ÷ 24 = 2

**Mental Math**

**Put '×' or '÷' sign in the following boxes:**

| | | |
|---|---|---|
| a. 8 ÷ 4 = 2 | b. 7 × 4 = 28 | c. 8 × 5 = 40 |
| d. 16 ÷ 16 = 1 | e. 0 × 16 = 0 | f. 50 ÷ 50 = 1 |
| g. 64 ÷ 8 = 8 | h. 9 × 9 = 81 | |
| i. 70 ÷ 10 = 7 | j. 90 ÷ 9 = 10 | |

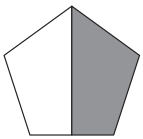
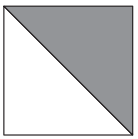
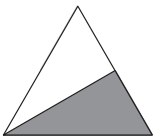
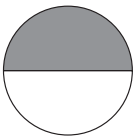
**Multiple Choice Questions**

1. (a) 2. (a) 3. (d) 4. (c) 5. (c)

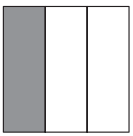
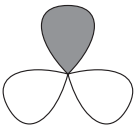
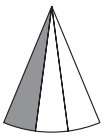
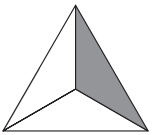
# Chapter-7: Fractions

## Assessment Time 7.1

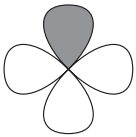
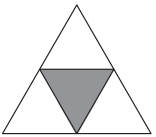
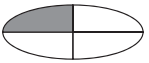
1. **Colour one-half $\frac{1}{2}$ of each of the following shapes:**

a. 
b. 
c. 
d. 

2. **Colour one-third $\frac{1}{3}$ of each of the following shapes:**

a. 
b. 
c. 
d. 

3. **Colour one-fourth $\frac{1}{4}$ of each of the following shapes:**

a. 
b. 
c.
d. 

# Chapter-8: Measurements

## Assessment Time 8.1

1. **Using body parts, measure the length of the following:**
   Do Yourself.

## Assessment Time 8.2

1. **Write whether the lengths of the following are measured in m or cm:**
   a. The length of a cycle is in **inch**.
   b. The length of a bus is in **feets**.
   c. The length of a jeep is in **feets** .
   d. The length of a fridge is in **inch**.
2. **Measure the length of the following using a scale.**
   Do yourself

## Assessment Time 8.3

1. **Add the following:**

a.

| | cm | |
|---|---|---|
| | | |
| | 5 | 4 |
| + | 4 | 3 |
| | **9** | **7** |

b.

| | cm | |
|---|---|---|
| | 1 | |
| | 6 | 8 |
| + | 7 | 7 |
| **1** | **4** | **5** |

c.

| | cm | |
|---|---|---|
| | 1 | |
| | 7 | 3 |
| + | 3 | 9 |
| **1** | **1** | **2** |

2. **Add the following:**

a.

| | m | cm |
|---|---|---|
| | | |
| | 25 | 30 |
| + | 43 | 18 |
| | 68 | 48 |

b.

| | m | cm |
|---|---|---|
| | | |
| | 43 | 34 |
| + | 25 | 63 |
| | 68 | 97 |

c.

| | m | cm |
|---|---|---|
| | | 1 |
| | 43 | 67 |
| + | 32 | 26 |
| | 75 | 93 |

3. **Subtract the following:**

a.

| | cm | |
|---|---|---|
| | 7 | 13 |
| | ~~8~~ | ~~3~~ |
| – | 5 | 8 |
| | **2** | **5** |

b.

| | cm | |
|---|---|---|
| | | |
| | 4 | 6 |
| – | 2 | 4 |
| | **2** | **2** |

c.

| | cm | |
|---|---|---|
| | 5 | 17 |
| | ~~6~~ | ~~7~~ |
| – | 4 | 9 |
| | **1** | **8** |

4. **Subtract the following:**

a.

| | m | cm |
|---|---|---|
| | 7 | 14 13 |
| | ~~7~~8 | ~~4~~3 |
| – | 43 | 67 |
| | 34 | 76 |

b.

| | m | cm |
|---|---|---|
| | 4 16 | 14 12 |
| | ~~5~~7 | ~~5~~2 |
| – | 28 | 65 |
| | 28 | 87 |

c.

| | m | cm |
|---|---|---|
| | 3 12 | |
| | ~~4~~2 | 65 |
| – | 18 | 44 |
| | 24 | 21 |

## Assessment Time 8.4

1. **Do yourself**
2. **Write whether the mass of the following objects measure in g or kg:**
   a. The mass of a cycle is in **kg**.
   b. The mass of a mobile is in **g**.

c. The mass of a rubber is in **g**.
d. The mass of a geometry is in **g**.
e. The mass of a bottle is in **g**.

**3. Convert the following in g:**

a. 3 kg = 3 × 1000 g = **3000 g**
b. 5 kg = 5 × 1000 g = **5000 g**
c. 6 kg = 6 × 1000 g = **6000 g**
d. 9 kg = 9 × 1000 g = **9000 g**

## Assessment Time 8.5

**1. Add the following:**

a.

| | kg |
|---|---|
| | 1 |
| | 5 7 |
| + | 3 6 |
| | 9 3 |

b.

| | kg |
|---|---|
| | 1 |
| | 4 8 |
| + | 3 8 |
| | 8 6 |

c.

| | kg |
|---|---|
| | |
| | 5 5 |
| + | 2 3 |
| | 7 8 |

d.

| | kg |
|---|---|
| | 1 |
| | 7 9 |
| + | 2 3 |
| | 1 0 2 |

**2. Add the following:**

a.

| | kg | g |
|---|---|---|
| | 1 | 1 1 |
| | 2 5 | 3 9 7 |
| + | 5 7 | 2 5 6 |
| | 8 2 | 6 5 3 |

b.

| | kg | g |
|---|---|---|
| | 1 | 1 1 |
| | 5 6 | 3 7 5 |
| + | 2 8 | 5 6 9 |
| | 8 4 | 9 4 4 |

c.

| | kg | g |
|---|---|---|
| | 1 1 | 1 1 |
| | 5 5 | 2 9 4 |
| + | 3 7 | 8 5 7 |
| | 9 3 | 1 5 1 |

**3. Subtract the following:**

a.

| | kg |
|---|---|
| | 6 16 |
| | ~~7~~ 6 ~~6~~ |
| – | 5 8 |
| | 1 8 |

b.

| | kg |
|---|---|
| | 5 12 |
| | ~~6~~ 5 ~~2~~ |
| – | 4 9 |
| | 1 3 |

c.

| | kg |
|---|---|
| | |
| | 3 8 |
| – | 2 6 |
| | 1 2 |

d.

| | kg |
|---|---|
| | 3 13 |
| | ~~4~~ 3 ~~3~~ |
| – | 1 8 |
| | 2 5 |

4. **Subtract the following:**

a.

| | kg | g |
|---|---|---|
| | 8 | 11 13 12 |
| | 6 ~~9~~ | ~~2~~ ~~4~~ ~~2~~ |
| – | 4 7 | 3 8 4 |
| | 2 1 | 8 5 8 |

b.

| | kg | g |
|---|---|---|
| | 6 13 | 1 14 13 |
| | ~~7~~ ~~3~~ | ~~2~~ ~~5~~ ~~3~~ |
| – | 4 6 | 1 8 7 |
| | 2 7 | 0 6 6 |

c.

| | kg | g |
|---|---|---|
| | 4 11 | 10 15 13 |
| | ~~5~~ ~~2~~ | ~~1~~ ~~6~~ ~~3~~ |
| – | 3 8 | 2 6 9 |
| | 1 3 | 8 9 4 |

## Assessment Time 8.6

1. **Do yourself**
2. **Write whether the capacity of the following are measured in mL or L:**
   a. Tea in a cup is in **mL**
   b. Water in a cane is in **Litre**.
   c. Milk in a glass is in **mL**.
   d. Syrup in a bottle is in **mL**.
   e. Milk in a cane is in **Litre**.
3. **Convert the following in mL:**
   a. 3 L = 3 × 1000 mL = **3000 mL**
   b. 5 L = 5 × 1000 mL = **5000 mL**
   c. 16 L = 16 × 1000 mL = **16000 mL**
   d. 27 L = 27 × 1000 mL = **27000 mL**

## Assessment Time 8.7

1. **Add the following:**

a.

| | mL |
|---|---|
| | 1 |
| | 3 7 |
| + | 6 9 |
| | 1 0 6 |

b.

| | mL |
|---|---|
| | 1 |
| | 4 5 |
| + | 3 7 |
| | 8 2 |

c.

| | mL |
|---|---|
| | 1 |
| | 5 7 |
| + | 4 3 |
| | 1 0 0 |

d.

| | mL |
|---|---|
| | 1 |
| | 9 9 |
| + | 2 8 |
| | 1 2 7 |

e.

| | mL |
|---|---|
| | 1 |
| | 2 5 8 |
| + | 3 2 5 |
| | 5 8 3 |

f.

| | mL |
|---|---|
| | 1 |
| | 4 4 5 |
| + | 5 1 9 |
| | 9 6 4 |

g.

| | mL |
|---|---|
| | 1 1 |
| | 3 6 9 |
| + | 2 8 6 |
| | 6 5 5 |

h.

| | mL |
|---|---|
| | 1 1 |
| | 4 1 6 |
| + | 2 8 5 |
| | 7 0 1 |

**2. Add the following:**

a.

| | kg | g |
|---|---|---|
| | 1 1 1 | 1 1 |
| | 4 9 6 | 4 9 5 |
| + | 2 8 9 | 6 3 8 |
| | 7 8 6 | 1 3 3 |

b.

| | kg | g |
|---|---|---|
| | | |
| | 2 1 4 | 4 2 6 |
| + | 3 4 5 | 5 1 2 |
| | 5 5 9 | 9 3 8 |

c.

| | kg | g |
|---|---|---|
| | 1 | |
| | 6 3 | 6 2 4 |
| + | 2 9 | 2 3 5 |
| | 9 2 | 8 5 9 |

**3. Subtract the following:**

a.

| | mL |
|---|---|
| | 6 10 |
| | ~~7~~ ~~0~~ |
| – | 6 3 |
| | 7 |

b.

| | mL |
|---|---|
| | 5 13 |
| | ~~6~~ ~~3~~ |
| – | 5 4 |
| | 0 9 |

c.

| | mL |
|---|---|
| | 6 12 |
| | ~~7~~ ~~2~~ |
| – | 5 7 |
| | 1 5 |

d.

| | mL |
|---|---|
| | 4 11 |
| | ~~5~~ ~~1~~ |
| – | 2 8 |
| | 2 3 |

**4. Subtract the following:**

a.

| | kg | g |
|---|---|---|
| | | 4 10 13 |
| | 7 9 | ~~5~~ ~~1~~ ~~3~~ |
| – | 5 8 | 2 8 5 |
| | 2 1 | 2 2 8 |

b.

| | kg | g |
|---|---|---|
| | 2 17 | |
| | ~~3~~ ~~7~~ | 4 5 7 |
| – | 1 8 | 3 4 5 |
| | 1 9 | 1 1 2 |

c.

| | kg | g |
|---|---|---|
| | 7 | 12 12 |
| | 6 ~~8~~ | ~~3~~ ~~2~~ 5 |
| – | 2 5 | 6 3 4 |
| | 4 2 | 6 9 1 |

## Assessment Time 8.8

1. The weight of a box = 2 kg 215 g
   Weight of tomatoes in it = 25 kg 384 g
   So, total weight of both = (2 + 25) kg (215 + 384) g
   = 27 kg 599 g
2. Ganesh has oil in bucket = 15 L 580 mL
   He sold = 12 L 680 mL
   So, oil left in bucket = (15 L 580 mL) – (12 L 680 mL)
   = 2 L 900 mL
3. Length of ribbon Tina has = 3 m 58 cm
   Her sister has = 4 m 67 cm
   So, total length of ribbon = 3 m 58 cm + 4 m 67 cm
   = 8 m 25 cm
4. A container has milk = 28 L 560 mL
   Milk add more = 3 L 780 mL
   Now, milk has in container = (28 L 560 mL) + (3 L 780 mL)
   = 32 L 340 mL
5. Megha has cloth for curtains = 100 m
   She used = 58 m 60 cm
   Remaining cloths = 100 m – 58 m 60 cm
   = 41 m 40 cm
6. Mr. Verma bought almonds = 100 kg
   He distributed = 95 kg 750 g
   So, almonds left with him = 100 – 95 kg 750 g
   = 4 kg 250 g
7. Petrol in car = 20 L 580 mL
   After consumed remain petrol = 7 L 368 mL
   So, consumed petrol = 20 L 580 mL – 7 L 368 mL
   = 13 L 212 mL

**Multiple Choice questions**

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

# Chapter-9: Shapes

## Assessment Time 9.1

1. (a) cylinder (b) square (c) cone (d) rectangle
   (e) rectangle (f) sphere (g) square (h) rectangle
2. (a) 4, 4 (b) 3, 3 (c) 4, 4

**Mental Maths**

1. Straight 2. Curved 3. Curved, slant 4. Straight

**Multiple Choice Questions**

1. (d) 2. (a) 3. (c) 4. (d)

# Chapter-10: Time

Do Yourself

# Chapter-11: Money

## Assessment Time 11.1

**1. Write the following in words:**

a. ₹ 8.68 Eight rupees and sixty eight paise
b. ₹ 22.37 Twenty two rupees and thirty-seven paise
c. ₹ 50.50 Fifty rupees and fifty paise
d. ₹ 75.68 Seventy-five rupees and sixty-eight paise
e. ₹ 89.58 Eighty-nine rupees and fifty-eight paise
f. ₹ 95.78 Ninety-five rupees and seventy-eight paise
g. ₹ 98.45 Ninety-eight rupees and forty-five paise

**2. Write the following in figures:**

a. 09 rupees 73 paise =₹ 9.73
b. 18 rupees 37 paise = ₹ 18.37
c. 38 rupees 45 paise = ₹ 38.45
d. 58 rupees 78 paise = ₹ 58.78
e. 67 rupees 78 paise = ₹ 67.78
f. 85 rupees 63 paise = ₹ 85.63
g. 97 rupees 32 paise = ₹ 97.32

## Assessment Time 11.2

1. Add the following:

a.

| | ₹ | P |
|---|---|---|
| | 1 1 | 1 |
| | 5 3 | 6 6 |
| + | 3 9 | 7 5 |
| | 9 3 | 4 1 |

b.

| | ₹ | P |
|---|---|---|
| | 1 | 1 |
| | 5 9 | 4 8 |
| + | 4 8 | 1 9 |
| | 1 0 7 | 6 7 |

c.

| | ₹ | P |
|---|---|---|
| | 1 1 | 1 |
| | 5 8 | 7 6 |
| + | 3 9 | 6 8 |
| | 9 8 | 4 4 |

d.

| | ₹ | P |
|---|---|---|
| | | 1 |
| | 6 5 | 3 7 |
| + | 2 3 | 2 9 |
| | 8 8 | 6 6 |

e.

| | ₹ | P |
|---|---|---|
| | 1 1 1 | |
| | 3 9 2 | 8 7 |
| + | 4 5 8 | 4 2 |
| | 8 5 1 | 2 9 |

f.

| | ₹ | P |
|---|---|---|
| | 1 | 1 |
| | 2 3 5 | 6 5 |
| + | 1 2 8 | 1 8 |
| | 3 6 3 | 8 3 |

g.

| | ₹ | P |
|---|---|---|
| | 1 | |
| | 1 7 5 | 2 6 |
| + | 6 1 9 | 5 7 |
| | 7 9 4 | 8 3 |

h.

| | ₹ | P |
|---|---|---|
| | 1 1 | 1 |
| | 2 4 9 | 4 8 |
| + | 1 3 5 | 6 6 |
| | 3 8 5 | 1 4 |

## Assessment Time 11.3

1. Subtract the following:

a.

| | ₹ | P |
|---|---|---|
| | 4 13 12 | 4 10 |
| | ~~5~~ ~~4~~ ~~2~~ | ~~5~~ ~~0~~ |
| – | 1 6 8 | 3 7 |
| | 3 7 4 | 1 3 |

b.

| | ₹ | P |
|---|---|---|
| | 2 15 | 2 17 |
| | ~~3~~ ~~5~~ | ~~3~~ ~~7~~ |
| – | 1 8 | 2 8 |
| | 1 7 | 0 9 |

c.

| | ₹ | P |
|---|---|---|
| | | 1 10 |
| | 6 5 | ~~2~~ ~~0~~ |
| – | 3 4 | 1 8 |
| | 3 1 | 0 2 |

d.

| | ₹ | P |
|---|---|---|
| | 5 12 | 12 |
| | ~~6~~ ~~3~~ | ~~2~~ 5 |
| – | 2 8 | 3 4 |
| | 3 4 | 9 1 |

e.

| | ₹ | P |
|---|---|---|
| | 4 9 9 | 12 15 |
| | ~~5~~ ~~0~~ ~~0~~ | ~~3~~ ~~5~~ |
| – | 2 3 8 | 5 6 |
| | 2 6 1 | 7 9 |

f.

| | ₹ | P |
|---|---|---|
| | 4 11 13 | 11 16 |
| | ~~5~~ ~~2~~ ~~4~~ | ~~2~~ ~~6~~ |
| – | 1 3 8 | 4 8 |
| | 3 8 5 | 7 8 |

g.

| | ₹ | P |
|---|---|---|
| | 6 10 | |
| | 3 ~~7~~ ~~0~~ | 5 8 |
| – | 1 2 6 | 5 2 |
| | 2 4 4 | 0 6 |

h.

| | ₹ | P |
|---|---|---|
| | 5 11 9 | 14 12 |
| | ~~6~~ ~~2~~ ~~0~~ | ~~5~~ ~~2~~ |
| – | 1 2 9 | 6 8 |
| | 4 9 0 | 8 4 |

## Assessment Time 11.4

1. Tanishk bought a book for = ₹ 275.75
   He bought copy for = ₹ 38.40
   And he bought a box for = ₹ 65.70
   So, total money he spend = ₹ (275.75 + 38.40 + 65.70)
   = ₹ 379.85

   Hence, Tanishk spend ₹ 379.85 in all.

2. Tina has = ₹ 500
   She buys soaps for = ₹ 228.65
   She buys shampoo for = ₹ 237.48
   So, she spend in both item = ₹ (228.65 + 237.48)
   = ₹ 466.13
   So, money left with her = ₹ (500 – 466.13)
   = ₹ 33. 87

   Hence, ₹ **33.87** is left with her.

3. Geetu bought a doll for = ₹ 215
   She bought a kitchen set for = ₹ 325
   So, total money she spend = ₹ (215 + 325)
   = ₹ 540

   Hence, She spend ₹ 540 in all.

4. Shalini has = ₹ 300
   She bought potatoes for = ₹ 80
   She bought tomatoes for = ₹ 104
   Total money she spend = ₹ (80 + 104)
   = ₹ 184
   Now, money left with her = ₹ (300 – 184)
   = ₹ 116

   Hence, ₹ 116 left with Shalini.

**SEL (Sharing)**

Ragha saved = ₹ 1000

He bought books, copies and pens for = ₹ 850

So, money left with him = ₹ (1000 – 850) = ₹ 150

Hence, money left with Raghav ₹ 150.

**Mental Maths**

1. How much money will a person get back if he buys a chair for ₹ 485 and gives ₹ 500 to shopkeeper?

   Person get back = ₹ (500 – 485) = ₹ **15**

2. How much more money is required to buy a ball of cost ₹ 70, if a boy has ₹ 48.

   Boy required to buy a ball = ₹ (70 – 48) = ₹ **22**

3. Which is more, the difference of ₹ 100 and ₹ 60 or ₹ 90 and ₹ 60?

   Since, ₹ (100 – 60) = ₹ 40

   and ₹ (90 – 60) = ₹ 30

   40 > 30

   Hence, ₹ 100 and ₹ 60 is more.

4. What is total cost of a bat of ₹ 250 and a ball of ₹ 45?

   So the cost of bat and ball = ₹ (250 + 45)

   = ₹ 295

**Multiple Choice Questions**

1. (c) 2. (c) 3. (d)

# Chapter-12: Data Handling and Patterns

## Assessment Time 12.1

1. **Students of a school use different modes of transport. Study the pictograph carefully and give the answer of following questions:**

   a. $6 \times 20 = 120$ b. $5 \times 20 = 100$

   c. $10 \times 20 = 200$ d. $6 \times 20 = 120$

   e. $5 \times 20 = 100$

**2. Study the pictograph carefully and answer the following questions.**

a. Students interested in cricket = 8 × 10 = 80

b. Students interested in tennis = 6 × 10 = 60

c. Students interested in badminton = 7 × 10 = 70

d. Students interested in football = 5 × 10 = 50

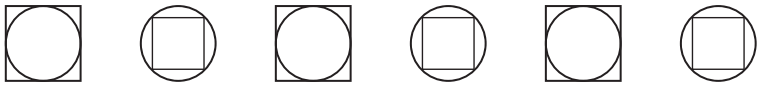
e. Students interested in basketball = 9 × 10 = 90

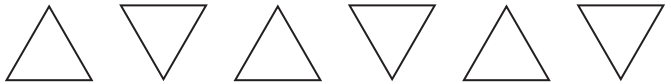
## Assessment Time 12.2

**1. Complete the following patterns:**

a. **ABC CDE EFG GHI**

b.

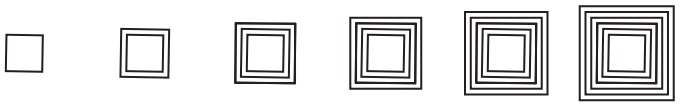
c. 

d. 

e.

f.

g. **XYZ ZYZ XYZ ZYX XYZ ZYX**

h. 

**2. Complete the following patterns:**

a.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | 5 | 9 | 13 | 17 | 21 | 25 | 29 |

b.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 |

c.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 |

d.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 100 | 90 | 80 | 70 | 60 | 50 | 40 | 30 |

e.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 10 | 16 | 22 | 28 | 34 | 40 | 46 | 52 |

f.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |

## Model Test Paper-I

A 1. (c) 2. (d) 3. (a) 4. (a) 5. (b)

B1. (a) Seventy-four (b) Eighty-six
(c) Ninety-seven (d) Seventy-nine

2. (a) 189 = 100 + 80 + 9 (b) 343 = 300 + 40 + 3
(c) 454 = 400 + 50 + 4 (d) 595 = 500 + 90 + 5

3. (a) 37, 44, 59, 96 (b) 35, 49, 69, 78

C1. (a) 1000 (b) 671 (c) 639
(d) 846 (e) 873 (f) 500

2. (a) 430 (b) 987 (c) 865 (d) 752

D1. (a) 8 (b) 8 (c) 8 (d) 0

2. Number of mango trees = 186
Number of papaya trees = 138
Number of guava trees = 84
Total number of trees = 186 + 138 + 84
= 408

| | H | T | O |
|---|---|---|---|
| | 2 | 1 | |
| | 1 | 8 | 6 |
| | 1 | 3 | 8 |
| + | | 8 | 4 |
| | **4** | **0** | **8** |

E1. (a)

| | H | T | O |
|---|---|---|---|
| | | 1 | |
| | | 9 | 7 |
| + | | 6 | 8 |
| | **1** | **6** | **5** |

| | H | T | O |
|---|---|---|---|
| | | 5 | 15 |
| | 1 | ~~6~~ | ~~5~~ |
| – | | 2 | 9 |
| | **1** | **3** | **6** |

(b)

| | H | T | O |
|---|---|---|---|
| | | 1 | |
| | 7 | 0 | 9 |
| + | 1 | 5 | 8 |
| | **8** | **6** | **7** |

| | H | T | O |
|---|---|---|---|
| | 8 | 6 | 7 |
| – | 5 | 4 | 7 |
| | **3** | **2** | **0** |

(c)

| | H | T | O |
|---|---|---|---|
| | 1 | 1 | |
| | 7 | 9 | 6 |
| + | 2 | 6 | 8 |
| | **1** | **0** | **6** | **4** |

| | H | T | O |
|---|---|---|---|
| | | 5 | 14 |
| 1 | 0 | ~~6~~ | ~~4~~ |
| – | 7 | 5 | 6 |
| | **3** | **0** | **8** |

(d)

| | H | T | O |
|---|---|---|---|
| | | 1 | |
| | 4 | 1 | 9 |
| + | 4 | 5 | 8 |
| | **8** | **7** | **7** |

| | H | T | O |
|---|---|---|---|
| | | 6 | 17 |
| | 8 | ~~7~~ | ~~7~~ |
| – | 5 | 6 | 9 |
| | **3** | **0** | **8** |

2. Total number of kites man has = 500
Man sold kites = 432
Kites left = 500 – 432 = 068

| | H | T | O |
|---|---|---|---|
| | 4 | 9 | 10 |
| | ~~5~~ | ~~0~~ | ~~0~~ |
| – | 4 | 3 | 2 |
| | **0** | **6** | **8** |

F. (a) 8 (b) 72 (c) 18
(d) 35 (e) 20 (f) 30

G. (a) 17 (b) 1 (c) 18
(d) 1 (e) 1 (f) 1

## Model Test Paper-II

A 1. (c) 2. (c) 3. (b) 4. (d)

B1. (a) 3000 g (b) 5000 g (c) 6000 g (d) 9000 g

2. (a) 3000 mL (b) 5000 mL (c) 16000 L (d) 27000 L

3. Weight of a box = 2 kg 215 g
Weight of tomatoes = 25 kg 378 g
Total weight of both items
= 2 kg 215 g + 25 kg 378 g
= 27 kg 593 g

| | kg | g |
|---|---|---|
| | | 1 |
| | 0 2 | 2 1 5 |
| + | 2 5 | 3 7 8 |
| | 2 7 | 5 9 3 |

C. (a) Saturday (b) Tuesday (c) Sunday
(d) Monday (e) Thursday

D1. (a) Fifty rupees fifty paise (b) Six rupees eighty six paise
(c) Ninety five rupees seventy eight paise
(d) Twenty two rupees thirty-seven paise

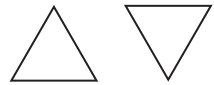
2. Cost of a doll = 215

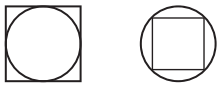
Cost of kitchen set = 325

Total cost = 215 + 325 = 540

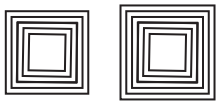
| | H | T | O |
|---|---|---|---|
| | | 1 | |
| | 2 | 1 | 5 |
| + | 3 | 2 | 5 |
| | **5** | **4** | **0** |

E 1.

2. 

3. 

4.

5. 

6. **ZYX** **XYZ**