

Chapter 2: Numbers

1. Write the number names:-

- i. 9,49,268- Nine lakh forty nine thousand two hundred sixty eight.
- ii. 2,04,157- Two lakh four thousand one hundred fifty seven.
- lii 54,00,983-fifty four lakhs nine hundred eighty three.

2. Write in figures:-

- i. Two lakh fifty one thousand four hundred thirty seven- 2,51,437
- ii. Fifty four thousand twenty four-54,024

3. Write the next five:-

- i. 72,00,809- 72,00,810, 72,00,811, 72,00,812, 72,00,813, 72,00,814.
- ii. 75,84,005- 75,84,006, 75,84,007, 75,84,008, 75,84,009, 75,84,010.

4. Write the face value and place value of the underlined.

- i. 6,25,407 ii 7,10,392

Ans: i) Face value of 2=2

Place value of 2=20,000

ii) Face value of 0=0

Place value of 0= 0x1000= 0

5. Write in expanded form.

a) 33,40,239 - 30,00,000+ 3,00,000 + 40,000 + 200 + 30+9

b) 5,00,201 – 5,00,000+ 200 + 1

6. Write in short form.

a) 20,00,000 + 5,000+ 7 - 20,05,007.

b) $80,00,000 + 9,000 + 300 + 50 = 80,09,350$.

7) Write the successors.

a) $9,86,999 - 9,87,000$

b) $3,93,099 - 3,93,100$

8) Write the predecessors.

a) $8,80,000 - 8,79,799$

b) $3,72,100 - 3,72,099$

9) Arrange in Ascending Order

8,25,699 , 7,05,981 , 1,02,356 , 82,24,532.

Ans: 1,02,356 , 7,05,981 , 8,25,699 , 82,24,532.

10) Arrange in descending order

24,52,781 , 3,51,472 , 24,92,415 , 24,52,738

Ans: 24,92,415 , 24,52,781 , 24,52,738 , 3,51,472

11) Write the smallest 6-digit number using the digits only once.

8,0,4,1,6,3

Ans: 1,03,468

12) Write the largest 6-digit number using digits with repetition.

7, 5, 6, 4

Ans: 7,77,777.

CHAPTER- 3 : ROMAN NUMERALS

1) Write in Roman Numerals

a) $37 - XXXVII$

b) $42 - XLII$

c) $40 - XL$

d) $48 - XLVIII$

2) Write the Numbers.

a) $XXXVI - 36$

b) $XLIII - 43$

c) $XIV - 14$

d) $XXIX - 29$

3) Fill in the blanks.

45 to 50 - XLV, XLVI, XLVII, XLVIII, XLIX, L

CHAPTER – 4: ADDITIONS

1) Add the following.

$$\begin{array}{r} \text{a) } 3,38,926 \\ + 5,48,185 \\ \hline 8,87,111 \end{array}$$

$$\begin{array}{r} \text{c) } 2,65,575 \\ + 86,258 \\ + \quad 86 \\ \hline 3,51,919 \end{array}$$

$$\begin{array}{r} \text{b) } 88,707 \\ + 2,55,814 \\ \hline 3,44,521 \end{array}$$

$$\begin{array}{r} \text{d) } 5,58,616 \\ 7,806 \\ + 1,25,756 \\ \hline 6,92,178 \end{array}$$

2) Arrange in Columns and add

$$5,42,100 + 42,22,255 + 11,89,008 + 55,500$$

$$\begin{array}{r} \text{Ans: } 42,22,255 \\ 11,89,008 \\ 5,42,100 \\ + 55,500 \\ \hline 60,08,863 \end{array}$$

3) Word Problems

- i) A factory produced 2,37,121 washing machines in the first year and 3,52,631 washing machines in the second year. How many washing machines were produced in these two years altogether?

$$\text{Ans: No. of washing machines produced in first year} = 2,37,121$$

$$\text{No. of washing machines produced in 2}^{\text{nd}} \text{ year} = +3,52,631$$

$$\text{Total number of washing machines produced} = \underline{5,89,752}$$

Thus, the total number of washing machines produced in these two years = 5,89,752.

- ii) 1,26,844 people saw a magic show on Saturday and 3,52,188 people saw it on Sunday. Find the total number of people who saw the magic show on these two days.

Ans: No. of people saw magic show on Saturday = 1,26,844
 No. of people saw magic show on Sunday = +3,52,188
 Total no. of people who saw magic show = 4,79,032
 Thus, the total no. of people who saw the magic show on these two days 4,79,032.

Chapter 5:-Subtraction

1. Subtraction

$$\begin{array}{r} \text{a) } 3,35,128 \\ - 1,68,075 \\ \hline 1,67,053 \end{array}$$

$$\begin{array}{r} \text{b) } 6,20,070 \\ - 4,38,386 \\ \hline 1,81,684 \end{array}$$

2. Solve

a) Subtract 88,125 from 21,15,518:-

$$\begin{array}{r} 21,15,518 \\ - 88,125 \\ \hline 20,27,393 \end{array}$$

b) Which is greater and by how much

$$7,08,153 < 7,28,263$$

$$\begin{array}{r} 7,28,263 \\ - 7,08,153 \\ \hline 20,110 \end{array}$$

7,28,263 is greater than 7,08,153 by 20,110.

3. Simplify.

$$2,28,275 - 1,14,178 - 75,818 + 84,179$$

$$\begin{array}{r} \text{Ans. 1}^{\text{st}} \text{ Step: } 2,28,275 \\ - 1,14,178 \\ \hline 1,14,097 \end{array}$$

$$\begin{array}{r}
 2^{\text{nd}} \text{ Step:} \quad 1,14,097 \\
 - \quad 75,818 \\
 \hline
 38,279
 \end{array}$$

$$\begin{array}{r}
 3^{\text{rd}} \text{ Step:} \quad 38,279 \\
 + \quad 84,179 \\
 \hline
 1,22,458
 \end{array}$$

4. Word Problem:

- i) Meghna chose a dress costing Rs. 12,650. She was short of the required money by Rs. 1,285. How much money she had with her?

$$\begin{array}{r}
 \text{Ans: Cost of the dress} \quad = \quad \text{Rs. } 12,650 \\
 \text{Amount of money she was short} \quad = \quad (-) \text{Rs. } \underline{1,285} \\
 \text{Amount She had} \quad = \quad \underline{\text{Rs. } 11,365}
 \end{array}$$

Thus, she had Rs. 11,365 with her.

- ii) Ashish deposited Rs. 8,62,001 in the bank and then withdrew Rs. 3,55,088. How much of his money was left in the bank?

$$\begin{array}{r}
 \text{Ans: Amount deposited in bank} = \quad \text{Rs. } 8,62,001 \\
 \text{Amount withdrawn from bank} = \quad - \text{Rs. } \underline{3,55,008} \\
 \text{Amount left in bank} \quad = \quad \underline{\text{Rs. } 5,06,993}
 \end{array}$$

Thus, Rs. 5,06,993 amount was left in bank.

- iii) The population of a town is 2,75,800 of which 1,25,780 are men and 1,10,575 are women. How many children are there?

$$\begin{array}{r}
 \text{Ans: No. of men in a town} \quad = \quad 1,25,780 \\
 \text{No. of women in a town} = \quad 1,10,575 \\
 \text{No. of population} = \quad 2,75,800 \\
 \text{No. of children} = ?
 \end{array}$$

$$\begin{array}{r}
 1,25,780 \quad \text{Now,} \quad 2,75,800 \\
 + \underline{1,10,575} \quad \quad \quad - \underline{2,36,355} \\
 \underline{2,36,355} \quad \quad \quad \underline{39,445}
 \end{array}$$

Thus, total number of children is 39,445.

Chapter 6 -: Multiplication

1. Multiply

I. 56095×10

$$\begin{array}{r} 56095 \\ \times 10 \\ \hline 560950 \end{array}$$

II. 568×100

$$\begin{array}{r} 568 \\ \times 100 \\ \hline 56800 \end{array}$$

III. 4005×1000

$$\begin{array}{r} 4005 \\ \times 1000 \\ \hline 4005000 \end{array}$$

2. Multiply

I. 8148

$$\begin{array}{r} 8148 \\ \times 19 \\ \hline 73,332 \\ + 81,480 \\ \hline 1,54,812 \end{array}$$

II. 9076

$$\begin{array}{r} 9076 \\ \times 63 \\ \hline 27,228 \\ + 5,44,560 \\ \hline 5, 71,788 \end{array}$$

3. Find the product:-

783×298

$$\begin{array}{r} 783 \\ \times 298 \\ \hline 6,264 \\ 70,470 \\ 1,56,600 \\ \hline 2,33,334 \end{array}$$

4. Word Problems

- I. A man bought 120 bags of apples each bag contains 2120 apples how many apples are there in total?

Ans:- No of apples a man bought=120
No of apples a bag contains= 2121
Total no of apples in 120 bags=
2120
X 120
0000
42420
212100
2,54,520

Thus, there are 2,54,520 apples in total.

- II. A man has 10 notes of Rs 2000 and 19 notes of Rs 500. How much money does he have?

Ans:- No of Rs 2000 notes =10
10 notes of Rs 2000= 2000 X 10= Rs 20,000
No of Rs 500 notes=19
19 notes of Rs 500= Rs 9500
Total money= Rs 20,000 + Rs 9,500= Rs 29,500
Thus the man has Rs 29,500.

CHAPTER-7: DIVISION

1. Fill in the blanks:

- a) $5120 \div 10 = \underline{\quad}$ (A.512)
b) $568103 \div 100 = \underline{\quad}$ (A.Quotient5681,R.03)
c) $46506 \div 1000 = \underline{\quad}$ (A.Q-46 & R-506)

2.Divide:

- a) $75923 \div 3$
b) $94675 \div 15$
c) $98113 \div 131$

A. a) Q:25307 R:02

b) Q:6311, R:10

c) Q:748 R:125

3. Word Problems:

i) A company manufactures 99831 scooters in 311 days. How many scooters are manufactured in one day?

Ans. No. of scooters manufactured = 99831

No. of days taken = 311 days

No. of scooters manufactured in one day = $99831 \div 311 = 321$

Thus, the no. of scooters manufactured in one day = 321

ii) Mr. Gandhi withdraws Rs.12400 from his account. He kept Rs.4200 aside and divided the remaining money equally among 5 family members. How much money did each member get?

Ans: Money withdrawn = Rs.12400

Money kept aside = Rs.4200

Remaining = $12400 - 4200 = 8200$

No. of family members = 5

Money each member gets = $8200 \div 5 = 1640$

Thus, each member got Rs.1640.00

CHAPTER : UNITARY METHOD

1. What will be the price of 8 pens if the price of 5 pens is Rs.125.

Ans. Cost of 5 pens = Rs.125

Cost of 1 pen = $125 \div 5 = \text{Rs.}25$

Cost of 8 pens = $25 \times 8 = \text{Rs.}200$

Ans. Rs.200

2. A train covers 272 km in 4 hours. What distance will it cover in 7 hours?

Ans. Distance covered in 4 hours = 272 km

Distance covered in 1 hour= $272 \div 4 = 68$ kms

Distance covered in 7 hours= $68 \times 7 = 476$ km

Ans. 476km

CH-9: TEST OF DIVISIBILITY

1 Check the divisibility of the following numbers:

a) 7122 by 3 b) 51251 by 9 c) 79684 by 4 d) 2712 by 6

Ans. a) $7122 = 7+1+2+2=12$ divisible by 3

So 7122 is divisible by 3

b) $51251 = 5+1+2+5+1=14$ is not divisible by 9

So 51251 is not divisible by 9

c) $79684 =$ Last 2 digit 84 is divisible by 4

So 79684 is divisible by 4

c) $2712 =$ Last digit is 2, its divisible by 2

$2+7+1+2=12$ is divisible by 3

So, 2712 is divisible by 6

2. What is the smallest number that should be added and subtracted from the following numbers to get the number divisible by 9?

a) 80 b) 2182 c) 8140 d) 27248 e) 277

Ans.. a) $80 = +1$ & -8

b) $2182 = +5$ & -4

c) $8140 = +5$ & -4

d) $27248 = +4$ & -5

e) $277 = +2$ & -7

3.a) Is 4122 divisible by 2? Yes

b) Is 3646 divisible by 2? Yes

c) Will their difference be divisible by 2? Yes

d) Will their sum also be divisible by 2? Yes

4. What is the least number that must be added to the following numbers to get the number divisible by 2?

- a) $347 = +1$
- b) $859 = +1$
- c) $1105 = +1$

5. What is the least number that must be subtracted from the following numbers to get the number divisible by 2?

- a) $99 = -1$
- b) $433 = -1$
- c) $2145 = -1$

CHAPTER-13: GEOMETRY

1. Fill in the blanks

- a) A ___ represents a point. (dot)
- b) A line has ___ end points. (no)
- c) ___ has two end points. (line segment)
- d) A line can be extended in ___ directions. (two/both)
- e) A line segment has a ___ length. (finite)
- f) Non-parallel lines are ___ lines. (intersecting)
- g) Distance between ___ lines remains same from anywhere. (parallel)
- h) Parallel lines do ___ meet at any point. (not)
- i) Lines which meet each other at any point are known as ___. (intersecting lines)
- j) Diameter is ___ the radius of a circle. (twice)
- k) Radius of a circle is the distance from ___ to the circumference of a circle. (centre)

l) A circle has ___ sides.(no)

m) Diameter of the circle always passes through____.(center)

n)Radius of a circle is half of its ____.(diameter)

2. Draw a line AB of any length.Mark a point C o the line anywhere.draw another line XY passing through C.

CLASS 4 MATHEMATICS

CHAPTER 10

FACTORS & MULTIPLES

1. Answer the following question:

- (i) Write first twelve multiples of 5.
- (ii) Is 1 a prime number or composite number?
- (iii) Is there an even prime number?

Ans:

- (i) 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55 and 60
- (ii) 1 is neither a prime number nor a composite number.
- (iii) Yes, 2 is an even prime number.

2. Which of the following numbers are prime:

- (i) 2
- (ii) 6
- (iii) 11
- (iv) 15
- (v) 39
- (vi) 93
- (vii) 57
- (viii) 75
- (ix) 81
- (x) 87

Ans:

- (i) 2 and (iii) 11

3. Fill in the blanks:

- (i) 1 is a _____ number.

(iv) 2, 3, 7 and 13

(v) 2, 2, 11 and 11

(vi) 3, 3 and 13

5. Find out the even numbers.

27, 36, 48, 125, 360, 453, 518, 423, 54, 58, 917, 186, 423, 928, 358

Ans:

36, 48, 360, 518, 54, 58, 186, 928, 358

6. Find out the odd numbers.

10, 45, 78, 146, 347, 543, 495, 638, 497, 968, 729, 427, 624, 572

Ans: 45, 347, 543, 495, 497, 729, 427

7. Write the factors of the following:

(i) 27

(ii) 32

(iii) 18

(iv) 45

(v) 25

(vi) 56

(vii) 68

(viii) 38

(ix) 72

(x) 56

(xi) 49

(xii) 30

(xiii) 95

(xiv) 36

(xv) 84

Ans: (i) 1, 3, 9, 27

(ii) 1, 2, 4, 8, 16, 32

(iii) 1, 2, 3, 6, 9, 18

(iv) 1, 3, 5, 9, 15, 45

(v) 1, 5, 25

(vi) 1, 2, 4, 7, 8, 14, 28, 56

(vii) 1, 2, 4, 17, 34, 68

(viii) 1, 2, 19, 38

(ix) 1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72

(x) 1, 2, 4, 7, 8, 14, 28, 56

(xi) 1, 7, 49

(xii) 1, 2, 3, 5, 6, 10, 15, 30

(xiii) 1, 5, 19, 95

(xiv) 1, 2, 3, 4, 6, 9, 12, 18, 36

(xv) 1, 2, 3, 4, 6, 7, 12, 14, 21, 28, 42, 84

8. Write the first five multiples of the following:

(i) 4

(ii) 3

(iii) 7

(iv) 9

(v) 5

(vi) 8

(vii) 12

(viii) 15

Ans:

(i) 4, 8, 12, 16, 20

(ii) 3, 6, 9, 12, 15

(iii) 7, 14, 21, 28, 35

(iv) 9, 18, 27, 36, 45

(v) 5, 10, 15, 20, 25

(vi) 8, 16, 24, 32, 40

(vii) 12, 24, 36, 48, 60

(viii) 15, 30, 45, 60, 75

9. Find the first three multiples of 8.

Ans: 8, 16, 24

10. Find the missing factors.

(i) $7 \times \underline{\quad} = 56$

(ii) $5 \times \underline{\quad} = 30$

(iii) $\underline{\quad} \times 3 = 24$

(iv) $\underline{\quad} \times 9 = 72$

(v) $6 \times \underline{\quad} = 48$

(vi) $8 \times \underline{\quad} = 72$

Ans: (i) 8

(ii) 6

(iii) 8

(iv) 8

(v) 8

(vi) 9

11. Write the multiples of 6 which are greater than 20 and less than 50

Ans: 24, 30, 36, 42, 48

12. Write all the prime numbers between 1 and 15.

Ans: 2, 3, 5, 7, 11, 13

13. Write all the composite numbers between 1 and 30

Ans: 4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20, 21, 22, 24, 25, 26, 27, 28, 30

14. Write all the prime numbers between the following:

(i) 31 and 50

(ii) 50 and 90

(iii) 61 and 80

(iv) 91 and 100

Ans:

(i) 31, 37, 41, 43, 47

(ii) 53, 59

(iii) 61, 67, 71, 73, 79

(iv) 97

15. Write all the composite numbers between the following:

(i) 40 and 50

(ii) 75 and 90

(iii) 25 and 35

(iv) 50 and 70

Ans:

(i) 42, 44, 45, 46, 48, 49, 50

(ii) 75, 76, 77, 78, 80, 81, 82, 84, 85, 86, 87, 88, 90

(iii) 25, 26, 27, 28, 30, 32, 33, 34, 35

(iv) 40, 51, 52, 54, 55, 56, 57, 58, 60, 62, 63, 64, 65, 66, 68, 69, 70

16. Encircle prime numbers.

21, 31, 49, 59, 63, 73, 91, 97, 40, 56, 37

Ans: 31, 59, 73, 97, 37

17. Which of the following statements are correct?

- (i) 1 is a composite number.
- (ii) All the odd numbers are the prime numbers.
- (iii) A composite numbers has at least 3 factors.
- (iv) A number is the greatest factor of itself.
- (v) 1 is a factor of every number.
- (vi) The multiples of a number are limited.
- (vii) A prime number is always even
- (viii) A number is either composite or prime.
- (ix) A prime number has only two factors.
- (x) Every multiple of a number is exactly divisible by the number.

Ans: (iii), (iv), (v), (ix), (x)

18. LCM of 15 and 30 is

a-30

b-45

c-15

d-5

Ans: 30

19. Numbers which have only two factors are called _____ numbers.

a-Composite

b-Prime

c-Odd

d-Even

Ans: Prime

20. The product of two odd numbers between 3 and 8 is

a-35

b-12

c-5

d-24

Ans: 35

21. Number 2 is called _____ number.

a-Co-prime

b-Composite

c-Prime

d-Unique

Ans: Prime

22. _____ is a factor of every number

5

2

0

1

Ans: 1

23. The smallest odd number is

1

0

3

2

Ans: 1

24. Sum of the odd number between 5 and 12 is

27

7

17

8

Ans: 27

25. The Product of all odd numbers between 3 and 8 is

21

5

35

12

Ans: 35

26. Find a number which is a multiple of all the numbers from 1 to 10?

1444

720

1260

5040

Ans: 5040

27. Write nearest thousand 32174

31817

32174

32000

31090

Ans: 32000

28. Pick out the prime number from the following

17

27

49

39

Ans: 17

29. The greatest prime number less than 100 is

93

97

100

99

Ans: 97

30. Round the number to the nearest thousand 20963

1000

9000

20000

21000

Ans: 21000

31. The Prime factors of 24 are

6×4

8×3

$2 \times 2 \times 2 \times 3$

$2 \times 3 \times 4$

Ans: $2 \times 2 \times 2 \times 3$

32. Round off 917 to the nearest Hundred

910

950

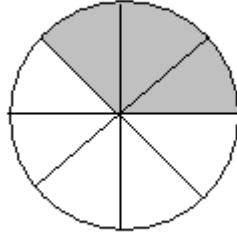
1000

900

Ans: 900

CHAPTER: FRACTIONS

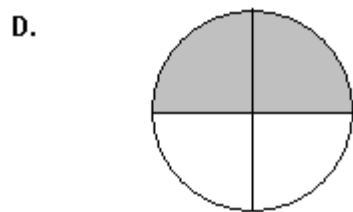
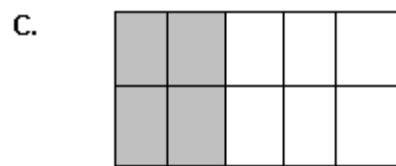
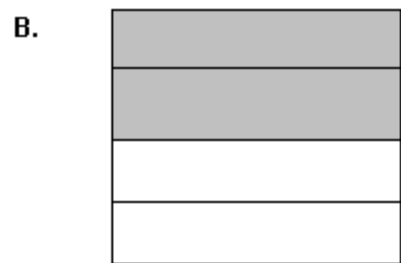
1. Use fractions to write the part of the whole shape that is shaded?



- A. $\frac{3}{8}$
- B. $\frac{8}{3}$
- C. $\frac{1}{8}$
- D. $\frac{1}{2}$

Ans: A

2. Which figure is shaded to show a fraction equal to $\frac{2}{5}$ of its whole?



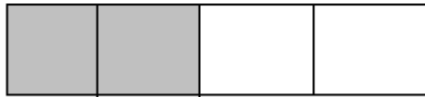
Ans: c

3. Which two fractions are equivalent?

- A. $\frac{1}{2}$ and $\frac{1}{3}$
- B. $\frac{1}{2}$ and $\frac{2}{4}$
- C. $\frac{1}{4}$ and $\frac{1}{6}$
- D. $\frac{2}{3}$ and $\frac{1}{3}$

Ans: B

4. The figures below show that



E. $1/5 = 1/4$

F. $2/5 = 2/4$

G. $2/5 > 2/4$

H. $2/5 < 2/4$

Ans: D

5. Half of half is the same as the fraction .

I. $1/2$

J. $1/4$

K. $2/4$

L. $3/4$

Ans: B

6. If the fractions $N/6$ and $2/3$ are equivalent, what is the value of N ? .

M. $N = 2$

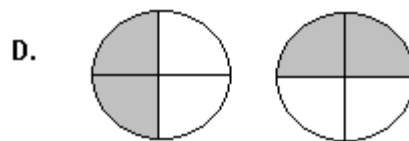
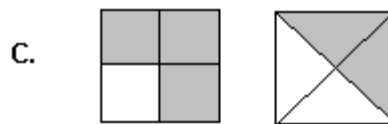
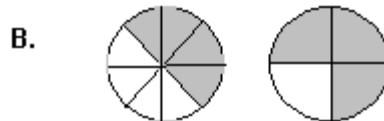
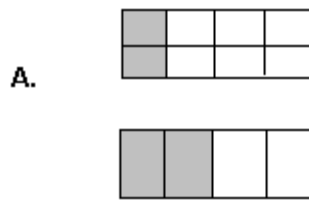
N. $N = 1$

O. $N = 4$

P. $N = 3$

Ans: C

7. Which two figures have shaded parts that represent equivalent fractions?



Ans: D

8. Order from greatest to least the fractions $\frac{1}{3}$, $\frac{1}{6}$, $\frac{1}{2}$, $\frac{1}{7}$.

Q. $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{6}$, $\frac{1}{7}$

R. $\frac{1}{7}$, $\frac{1}{6}$, $\frac{1}{3}$, $\frac{1}{2}$

S. $\frac{1}{2}$, $\frac{1}{6}$, $\frac{1}{3}$, $\frac{1}{7}$

T. $\frac{1}{7}$, $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{6}$

Ans: A

9. What value of the number N given below makes $\frac{N}{3} < \frac{1}{2}$?

U. $N = 3$

V. N = 2
W. N = 1
X. N = 4

Ans: C

10. John, Sarah, Tom and Joane bought 2 pizzas of the same size. John ate $\frac{2}{4}$ of a pizza. Tom, Sarah and Joane ate $\frac{1}{4}$ of a pizza each. How much pizza was left?

Y. $\frac{1}{4}$ of a pizza
Z. 1 pizza
AA. $\frac{1}{2}$ of a pizza
BB. $\frac{3}{4}$ of a pizza

Ans: D

Chp- 12: MEASUREMENT

Q1. Add 15m 5 cm and 24m 95 cm

Ans:

	m	cm
	15	5
	<u>+24</u>	<u>95</u>
	40	00

Q2. Add 7Km 75m, 15Km 8m and 32Km 125m.

Ans:

	km	m
	7	075
	<u>+15</u>	<u>008</u>
	<u>+32</u>	<u>125</u>
	54	208

Q3. Subtract 9m 57cm from 15m 26cm.

Ans: m cm

$$\begin{array}{r}
 15 \quad 26 \\
 -09 \quad 57 \\
 \hline
 5 \text{m} \quad 69 \text{cm}
 \end{array}$$

Q4. Subtract 17km 685m from 28km 74 m

Ans:

$$\begin{array}{r}
 \text{km} \quad \text{m} \\
 27 \\
 -28 \quad 074 \\
 \hline
 -17 \quad 685 \\
 10 \quad 389
 \end{array}$$

Q5. Add 128kg 75g and 244kg 686g

Ans:

$$\begin{array}{r}
 \text{kg} \quad \text{g} \\
 1 \quad 11 \\
 128 \quad 75 \\
 +244 \quad 686 \\
 \hline
 372 \quad 761
 \end{array}$$

Q6. Add 375kg 898g , 283kg 275g and 175kg 8g.

Ans:

$$\begin{array}{r}
 \text{kg} \quad \text{g} \\
 211 \quad 11 \\
 375 \quad 898 \\
 283 \quad 275 \\
 +175 \quad 008 \\
 \hline
 834 \quad 181
 \end{array}$$

Q7. Three Parcels weigh 55kg 750g , 123kg 825g and 89kg 48g.find their total weight.

Ans:

Weight of the first parcel =	55	750	
Weight of the second parcel =	123	825	
Weight of the third parcel =	<u>+89</u>	<u>048</u>	
Total Weight =	238	623	

Q8. Subtract 48kg 85g from 95kg 250g

Ans:

kg	g
95	250
-48	85
47	465

Q9. Take away 488kg 796g from 515kg 86g

Ans:

kg	g
4	
515	086
-488	796
26	290

Q10. The total weight of two men is 138kg. If one of them weighs 78kg, find the weight of the other man.

Ans: Total weight of the two men = 138kg
 Weight of one man = 78kg
 So, weight of the other man = 138kg – 78kg = 60kg.

Q11. Add 6L 225 ml and 4L 383ml

Ans:

L	ml
6	025
+4	383
10	408

Q12. Add 26L 475ml and 18L 883ml

Ans:

L	ml
26	475
+18	883
45	358

Q13. Subtract 9L 48ml from 14L 374ml

Ans:

L	ml
14	374
-9	48
5	326

Q14. Subtract 18L 768ml from 34L 245ml.

Ans:

L	ml
34	245
<u>+18</u>	<u>768</u>
15	477

CHP-14:PERIMETER AND AREA

Q1. Find the perimeter of a square of side 4cm.

Ans Length of one side = 4cm

$$\begin{aligned}\text{Perimeter} &= 4 \times \text{length of one side.} \\ &= 4 \times 4 = 16\text{cm}\end{aligned}$$

Q2. Find the perimeter of a square of side 7cm.

Ans Length of one side = 7cm

$$\begin{aligned}\text{Perimeter} &= 4 \times \text{length of one side.} \\ &= 4 \times 7 = 28\text{cm}\end{aligned}$$

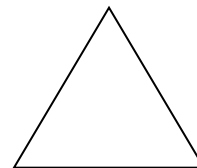
Q3. Find the perimeter of a rectangle of length 6cm and breadth 2 cm.

Ans: Length = 6cm, breadth = 2 cm

$$\begin{aligned}\text{Perimeter} &= 2 \times (\text{length} \times \text{breadth}) \\ &= 2 \times (6 + 2) \\ &= 2 \times 8 = 16\text{cm}\end{aligned}$$

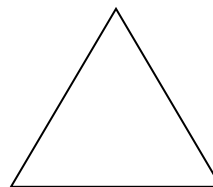
Q4. Find the perimeter of the given triangle.

Ans: Perimeter = AB + BC + CA
 $= 4 + 5 + 3 = 12\text{cm}$



Q5. Find the perimeter of the given triangle.

Ans: Side=5cm
Perimeter = AB + BC + CA
 $= 5 + 5 + 5 = 15\text{cm}$



TIME AND CALENDER

EXERCISE- 15(A)

FILL IN THE BLANKS:

1. There are 24 hours in a day.
2. In a clock, the smaller hand is called the hour hand and the bigger hand is called the minute hand.
3. The minute hand takes 24 complete rounds in 1 day.
4. The hour hand takes 2 complete rounds in 1 day.

EXERCISE- 15(C)

Q1: Convert into hours:

1. 8 days = $8 \times 24 = 192$ hours
2. 5 days 10 hours = $5 \times 24 + 10 = 120 + 10 = 130$ hours
3. 10 days 20 hours = $10 \times 24 + 20 = 240 + 20 = 260$ hours

Q2: Convert into minutes:

1. 3 hours = $3 \times 60 = 180$ minutes
2. 2 hours 6 minutes = $2 \times 60 + 6 = 120 + 6 = 126$ minutes
3. 8 hours 40 minutes = $8 \times 60 + 40 = 480 + 40 = 520$ minutes

Q3: Convert into seconds:

1. 6 minutes = $6 \times 60 = 360$ seconds
2. 2 minutes 4 seconds = $2 \times 60 + 4 = 120 + 4 = 124$ seconds
3. 1 hour 2 minutes 30 seconds =
Ans: $1 \times 60 \times 60 + 2 \times 60 + 30 = 3600 + 120 + 30 = 3750$ seconds

Q4: Convert into minute and seconds:

1. 450 seconds = $450 / 60 = 7$ minutes 30 seconds
2. 900 seconds = $900 / 60 = 15$ minutes

Q5: Convert into hours and minutes:

1. 135 minutes = $135 / 60 = 2$ hours 52 minutes
2. 750 minutes = $750 / 60 = 12$ hours 30 minutes

Q6: **Convert into days and hours:**

1. 72 hours = $72 / 24 = 3$ days
2. 240 hours = $240 / 24 = 10$ days

Q7: **Convert into hours , minutes , and ,seconds:**

1. 3840 seconds = $3840 / 60 = 64$ minutes
 $64 / 60 = 1$ hour 4 minutes
2. 7200 seconds = $7200 / 60 = 120$ minutes
 $120 / 60 = 2$ hours

Q8: **Match the following:**

1. 11:30 A.M. TO 1:45 P.M ----- 2 HOURS 15 MINUTES
2. A LEAP YEAR ----- 366 DAYS
3. 70 MINUTES ----- 1 HOUR 600 SECONDS
4. 10 DAYS 10 HOURS ----- 250 HOURS
5. 0200 HOURS TO 1400 HOURS ----- 12 HOUR

_____X_____

EXERCISE – 15 (D)

Q5: ADD:

1. HOURS MINUTES SECONDS

14	20	15
16	45	45
+6	30	30
37 hrs 36 minutes 30 secs		

2. HOURS MINUTES SECONDS

14	20	15
----	----	----

08	45	25
<u>+6</u>	<u>30</u>	<u>30</u>
<u>29 hrs</u>	<u>36 mins</u>	<u>10 secs</u>

Q6: Subtract:

1. HOURS	MINUTES	SECONDS
9	16	24
<u>-8</u>	<u>05</u>	<u>14</u>
<u>1 hrs</u>	<u>11 mins</u>	<u>10 sec</u>

2. HOURS	MINUTES	SECONDS
25	14	13
<u>-15</u>	<u>23</u>	<u>28</u>
<u>9 hrs</u>	<u>50mins</u>	<u>45 secs</u>

Q7: How much is 3 hours 12 minutes more than 1 hour 40 minutes?

Answer:

HOURS	MINUTES
03	12
<u>-01</u>	<u>40</u>
<u>01 hr</u>	<u>32 mins</u>

Q8: Anuj goes to school at 7.10 AM and comes back home at 2.00PM . Find the time spend in the school.

Answer: Anuj goes to school at 7.10 AM and comes back home from school at 2.00 PM (14.00 Hrs)

HOURS	MINUTES
	1400
<u>-07</u>	<u>10</u>

06 Hrs

50 Minutes

EXERCISE – 15 (E)

A). FILL IN THE BLANKS:

1. A week has 7 days.
2. There are 365 days in a year.
3. There are 366 days in a leap year.
4. There are 31 days in the month of December.
5. There are 30 days in the month of November.
6. There can be 28 or 29 days in a month of February.
7. There are 12 months in year.
- 8 Tuesday comes after Monday.
9. March consists of 31 days.

B) WHICH OF THE FOLLOWING WOULD BE LEAP YEAR?

- (a) 1988 (b) 2068 (c) 2056 (d) 2014

(Hint : Divide the year with 4 i.e $1988/4 = 497$)

Answer: (a) , (b) and (c) are the leap years.

C) How many days will be there in February 2020?

Answer: 29 days (it's a leap year)

D). How many days are there from:

(a) 7th August to 13th September : 37 days (August 24 days & 13 September)

(b) 4th June to 1st July : 27 days (June 26 days & July 01 day)

EXERCISE – 16 (B)

MONEY

A. WRITE IN WORDS:

1. Rs 419.25 = Four hundred and nineteen rupees and twenty five paisa
2. Rs 198.75= One hundred ninety eight rupees and seventy five paisa

B. WRITE IN NUMERAL FORM:

1. Twenty five rupees and sixty five paisa = Rs 25.65
2. Two thousand rupees = Rs 2000.00
3. Nine hundred rupees ninety paisa= Rs 900.90

EXERCISE – 16 (C)

Q1: Convert rupees into paise. (Multiply with 100)

1. Rs 42 = 4200p
2. Rs 795=79500p
3. Rs 410=41000p

Q2: Convert paise into rupees: (Divide with 100)

1. 725p = Rs 7.25
2. 2000p= Rs 20
3. 25613 p= Rs 256.13p

Q3: Evaluate the given details:

1. Rs 500 + Rs 20= Rs 520
2. Rs 2000 + Rs 50 = Rs 2050
3. Rs 100 + Rs 50 + Rs 20 + Rs 10 + Rs 2 = Rs 182

EXERCISE – 16 (D)

1. Add the following:

$$\begin{array}{r} \text{(a)Rs} \quad \text{Ps} \\ 36 \quad 55 \\ +25 \quad 75 \\ \hline 62 \quad 30 \end{array}$$

$$\begin{array}{r} \text{(b)} \quad \text{Rs} \quad \text{Ps} \\ 66 \quad 00 \\ +65 \quad 85 \\ \hline 131 \quad 85 \end{array}$$

$$\begin{array}{r} \text{(c)} \quad \text{Rs} \quad \text{Ps} \\ 98 \quad 25 \\ +25 \quad 50 \\ \hline 123 \quad 75 \end{array}$$

2. Add the following:

(a)Rs 6324.50 + Rs 4834.00 + Rs 3871.50= Rs 15030.00

(b)Rs 98.05 + Rs 981.15 + Rs 8433.50 = Rs 9512.70

(c)Rs 507.15+ Rs 984.00+ Rs 873.00 =Rs 2364.15

EXERCISE – 16 (E)

1. Subtract the following :

$$\begin{array}{r} \text{(a)Rs} \quad \text{Ps} \\ 618 \quad 45 \\ -421 \quad 75 \\ \hline 196 \quad .70 \end{array}$$

$$\begin{array}{r} \text{(b)} \quad \text{Rs} \quad \text{Ps} \\ 590 \quad 50 \\ -84 \quad 40 \\ \hline 506. \quad 10 \end{array}$$

$$\begin{array}{r} \text{(c)} \quad \text{Rs} \quad \text{Ps} \\ 4364 \quad 35 \\ -2482 \quad 05 \\ \hline 1882. \quad 30 \end{array}$$

2. Subtract the following:

(a)Rs 388 – Rs 74.25 = Rs 313.75

(b)Rs 153.50 – Rs 92.05 = Rs 61.45

(c)Rs 808.75 - Rs 582.15= Rs 226.60

(d)Rs 1356.19 – Rs 25.24= Rs 1330.95

(e)Rs 7275.75- Rs 823.25= Rs 6452.50

3. Word problems:

(a) Mahi has Rs 75 and she took Rs 10 note from her mother. How much money does Mahi have now?

Ans: Total money Mahi has Rs 75 .

Money she brought from her mother Rs 10

Total amount of money she has now = Rs 75 + Rs 10 = Rs 85

(b) John had saving of Rs 4500. He deposited Rs 960.25 this month. How much money does he have now?

Ans: Amount of money John has Rs 4500

Amount of money John deposited this month Rs 960.25

Total amount of money John has now =

Rs 4500.00 + Rs 960.25 = Rs 5460.25

(c) Esha had Rs 325. She did shopping for Rs 275.50. How much money is left with her now?

Ans: Total amount of money Esha has = Rs 325.00

She did shopping for = Rs 275.50

Amount of money left with her = Rs 49.50
