

**QUESTION BANK**  
**SUB: MATHS**  
**CLASS - IV**

**MARK 1**

**1) Fill in the blanks :**

- a)  $328347 = 3000000 + \underline{\hspace{2cm}} + 8000 + 300 + \underline{\hspace{2cm}} + 7$
- b) The place value of 4 in 654298 =  $\underline{\hspace{2cm}}$ .
- c) The smallest 5-digit number is  $\underline{\hspace{2cm}}$ .
- d) The largest 6-digit number is  $\underline{\hspace{2cm}}$ .
- e) The successor of 9999 is  $\underline{\hspace{2cm}}$ .
- f) The predecessor of 100000 is  $\underline{\hspace{2cm}}$ .
- g) One less than one lakh is  $\underline{\hspace{2cm}}$ .
- h)  $\underline{\hspace{2cm}}$  thousand make a lakh .
- i)  $\underline{\hspace{2cm}}$  lakh make a million.

**2) State whether true or false:**

- a) The successor of 99 is 89.
- b) The predecessor of 500000 is 499999.
- c) When we round a number to the nearest ten, we round it to the multiple of ten nearest to it.
- d) I, X and C cannot be repeated more than 3 times.
- e) Symbols V , L , D can be repeated .
- f) Repetition means subtraction .
- g) The symbol "C" can be subtracted from " D " and " M " .

**3) Tick the correct option:**

- a) How many lakhs are there in a crore ?  
i) 10    ii) 1000    iii) 100    iv) 1
- b) How many hundreds are there in a lakh ?  
i) 1000    ii) 10    iii) 10000    iv) 100
- c) what is the place value of the digit 6 in 4764923  
i) 6000    ii) 6000000    iii) 60000    iv) 600000
- d) In which of the following is the digit 8 in the millions place?  
i) 842567    ii) 80576920    iii) 7426834    iv) 8423625

**MARKS (2)**

**1) Write the number names for the following numbers.**

- a) 64285    b) 928402    c) 64293784    d) 9426735

**2) Write the number names in international system for:**

- a) 643289    b) 8420462    c) 784602981

**3) Write the numerals for the number name.**

- a) Thirty-five thousand eight hundred ninety-nine.
- b) Seventy thousand seven hundred.
- c) Three lakhs five thousand four hundred nineteen.
- d) Six crores eighteen.

**4) Fill in the missing numbers to continue the pattern.**

- a) 284500, 284600, \_\_\_\_\_, \_\_\_\_\_  
b) 746480, 747480, \_\_\_\_\_, \_\_\_\_\_  
c) 357856, 457856, \_\_\_\_\_, \_\_\_\_\_

**5) Write the place value of the underlined digits.**

- a) 76429 –  
b) 472982 –  
c) 674934 –

**6) Write in expanded form**

- a) 643298 –  
b) 8562942 –

**7) Write the following numerals in ascending order.**

- a) 425789, 425798, 435789, 422879.  
b) 34587, 43587, 34758, 43785.  
c) 956200, 65210, 5210, 625810.

**8) Find the successors of the following numbers**

- a) 78999 b) 211428 c) 890900 d) 690909

**9) Find the predecessors of the following number**

- a) 84200 b) 539100 c) 2000 d) 563575

**MARKS(2)**

**1) Round the following numbers to the nearest ten.**

- a) 67 b) 84 c) 2349 d) 6785 e) 71

**2) Round the following numbers to the nearest hundred.**

- a) 6784 b) 9035 c) 536 d) 8025

**3) Round the following numbers to the nearest thousand .**

- a) 62432 b) 76902 iii) 84678 iv) 39592

**4) What numbers can be rounded to the nearest 10 to :**

- a) 150 b) 300 c) 1500 iv) 30

**5) List the numbers that can be rounded to the nearest hundred to :**

- a) 1300 b) 3500 c) 4800

**6) Write the following in Roman numerals :**

- a) 70 b) 97 iii) 89 iv) 77 v) 48 vi) 64 vii) 99

**7) Write the following in Hindu Arabic numerals :**

- a) XCVIII b) LXXXIX c) XLV d) XXVI

X

X

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**CHAPTER – 2( Addition)**

**MARK (1)**

**1) Fill in the blanks :**

- a)  $34578 + 60498 + 23490 = 60498 + 34578 + \underline{\hspace{2cm}}$   
b)  $84578 + 0 = \underline{\hspace{2cm}}$ .

- c) The sum of a number and 0 is the number \_\_\_\_\_.
- d)  $25046 + \underline{\hspace{2cm}} + 36874 = 2563147 + 36874 + 25046$ .

**2) Tick the correct option :**

- a) Which number makes this sentence true ?  
 $64256 + 75275 = 75274 + \underline{\hspace{2cm}}$ .
- i) 64256    ii) 64257    iii) 75275    iv) 75276
- b) Which number makes this sentence true ?  
 $84789 < 54789 + \underline{\hspace{2cm}}$ .
- i) 20000    ii) 10000    iii) 15000    iv) 30000

**MARK (2)**

**1) Add :**

- a)  $174283 + 82029 + 120498$
- b)  $2850298 + 42567 + 8502 + 920$
- c)  $5023456 + 452103 + 45 + 4231$

**2) Add as shown :**

- a) 7 ten thousand 13 thousands.
- b) 4 thousands, 10 hundreds and 12 tens.
- c) 8 thousands and 19 hundreds .

**MARK (2)**

1) Estimate each sums to the nearest ten . Compare with the actual sums .

- |        |          |          |
|--------|----------|----------|
| a) 8 4 | b) 5 6 5 | c) 9 0 6 |
| + 4 6  | + 3 3 8  | + 1 9 3  |
| _____  | _____    | _____    |

2) Estimate each sums to the nearest hundred . Compare with the actual sums :

- |          |            |            |
|----------|------------|------------|
| a) 3 4 8 | b) 6 7 8 6 | c) 4 3 2 7 |
| + 1 5 8  | + 2 5 9 7  | + 3 4 1 0  |
| _____    | _____      | _____      |

**CHAPTER -3 (Subtraction )**

**MARK (1)**

**1) Fill in the blanks :**

- a) Number which is subtracted is called the \_\_\_\_\_.
- b) 3 tens + 8 ones = 2 tens + \_\_\_\_\_ ones
- c) 3 hundreds + 6 tens = \_\_\_\_\_ hundred + 26 tens
- d) 3 ten thousands + 2 htousands = 2 ten thousands + \_\_\_\_\_ thousands
- e) 5 tens + 9 ones = 4 tens + \_\_\_\_\_ ones >

**2) Tick the correct option :**

- a) If  $64523 + 75482 = 140005$ , the answer for  $140005 - 75482$  is :
- i) 140005    ii) 75482    iii) 64523    iv) none of these
- b) Which number makes this sentence true ?  $54235 - 24536 = 24536 - \underline{\hspace{2cm}}$ .

- i) 54235 ii) 24536 iii) 34256 iv) none of these  
 c) Which number makes this sentence true ?  $784526 = 783526 + \underline{\hspace{2cm}}$ .  
 i) 10000 ii) 100 iii) 10 iv) 1

**MARK(2)**

**1) Workout the following questions.**

- a) Subtract 45123 from 56014  
 b) Subtract 1 from 100000  
 c) Subtract 102345 from 800071  
 d) Subtract 512497 from 520000

**MARK (2)**

1) Estimate each difference to the nearest ten. Compare with the actual difference.

- |        |          |          |
|--------|----------|----------|
| a) 9 0 | b) 3 1 2 | c) 5 6 4 |
| - 2 9  | - 2 8 7  | - 4 3 6  |
| _____  | _____    | _____    |

2) Estimate each difference to the nearest hundred. Compare with actual difference.

- |          |          |          |
|----------|----------|----------|
| a) 5 4 3 | b) 7 0 9 | c) 4 5 3 |
| - 3 6 1  | - 4 8 7  | - 2 4 5  |
| _____    | _____    | _____    |

**Chapter4 (Multiplication)**

**1) Fill in blank (marks 1)**

- a)  $4826 \times 7 \times 439 = 7 \times \underline{\hspace{1cm}} \times 439$   
 b)  $568 \times \underline{\hspace{1cm}} = 0$   
 c) The product of zero and any number is \_\_\_\_\_  
 d) The product of 1 and any number is the number \_\_\_\_\_  
 e)  $\underline{\hspace{1cm}} \times 10 = 100$

**2) Write true or false (1 marks)**

- a) To multiply a number by 10, put a zero on the left of the number.  
 b) The product does not change when the grouping of number is changed.  
 c) The product does not change if the order of the number multiplied is changed.

**3) Tick the correct option (1 marks)**

- a.  $349 \times 256 = 349 \times \underline{\hspace{1cm}} + 349 \times 50 + 349 \times 6$ , the number in the blank is  
 i) 25 ii) 100 iii) 200 iv) 34  
 b. 538 multiplied by 100000 is  
 i) 5380000 ii) 53800 iii) 538000000 iv) 53800000  
 c) the product of 1 and any number is the number \_\_\_\_; the number in the blank is :  
 i) 0 ii) 1 iii) itself iv) none of these  
 4) find the following product .  
 a)  $467 \times 358$  b)  $503 \times 689$  c)  $302 \times 256$  d)  $430 \times 346$   
 5) Estimate the product as indicated

a) By rounding off to the nearest ten .

i)  $47 \times 16$     ii)  $28 \times 25$     iii)  $53 \times 48$     iv)  $75 \times 64$

b) by rounding off to the nearest hundred

i)  $274 \times 143$     ii)  $576 \times 434$     iii)  $689 \times 554$     iv)  $840 \times 300$

6) word problem in (multiplication) (3marks)

a) the orange grown in a farm were packed in 435 boxes. Each box contained 346 oranges. How many oranges were there in all?

b) the cost of one book is Rs 345. find the cost of 146 books .

c) in a factory 234 nails are made per day .how many nails are made in 90 days ?

d) a book has 436 pages. If 367 copies of the book were printed, how many pages in all were printed?

e) What is the product of the largest 3- digit number and the smallest 3-digit number?

## Ch-5

### A. MCQS (1 marks)

1. We can derive \_\_\_\_\_ division facts from one multiplication fact

a. 1                    b. 2                    c. 3

2. If zero is divided by a number, the answer is \_\_\_\_\_

a. 0                    b. 1                    c. itself

3. If a number is divided by itself , the answer is \_\_\_\_\_

a. 0                    b. 1                    c. number itself

4. If the cost of many article is given and you have to find the cost of one article ,you need to do \_\_\_\_\_

a. add                    b. multiply    c. divide

5. Given, the cost of 5 chocolates as \$75, we find the cost of 2 chocolates by

a.  $(75 \times 5) \div 2$                     b.  $(75 \div 5) \times 2$                     c.  $(5 \div 75) \times 2$

6. When a number is divided by 0 you will get

a. 0                    b. 1                    c. cannot be divided

### B. Fill ups (1 marks)

1.  $783 \div 783 =$  \_\_\_\_\_

2.  $0 \div 7999 =$  \_\_\_\_\_

3.  $288 \div 1 =$  \_\_\_\_\_

4. Divisor  $\times$  \_\_\_\_\_ + \_\_\_\_\_ = Dividend

5.  $550 \div 10 =$  \_\_\_\_\_

6.  $1022 \div 14$  gives quotient \_\_\_\_\_ and remainder \_\_\_\_\_

7.  $14000 \div 1000 =$  \_\_\_\_\_

8.  $936 \div$  \_\_\_\_\_ gives \_\_\_\_\_ quotient and remainder 0

9.  $5050 \div 5 =$  \_\_\_\_\_

10.  $390 \div 3 =$  \_\_\_\_\_

### C. Write true or false (1 marks)

1. Divisor  $\times$  quotient + dividend = Remainder ( )

2. Three division facts can be derived from one multiplication facts ( )

3. If zero is divided by a number the answer is zero.( )

4. If a number is divided by 1, the answer is itself . ( )

5. If a number is divided by itself ,the answer is zero. ( )

6. When cost of one article is given , and we need to find the cost of many articles. ( ) ,we divide.

**D. FIND THE QUOTIENT**

**( 2 )**

1.  $540 \div 9$                       2.  $1356 \div 6$     3.  $8484 \div 4$

4.  $810 \div 9$                       5.  $4570 \div 5$

E. Divide and check your answer

**( 2 )**

1.  $306 \div 7$                       b.  $5601 \div 6$                       3.  $6039 \div 7$

4.  $3052 \div 5$                       6.  $5373 \div 3$

F. Find the quotient and the remainder

**( 2 )**

1.  $6003 \div 31$

2.  $5808 \div 83$

3.  $4231 \div 49$

4.  $4392 \div 15$

5.  $9090 \div 11$

6.  $320 \div 29$

7.  $7052 \div 1000$

8.  $3419 \div 100$

**G. ESTIMATE THE QUOTIENT BY ROUNDING OFF . COMPARE WITH THE ACTUAL QUOTIENT**

**( 2 )**

1.  $5920 \div 33$

2.  $490 \div 29$

3.  $3978 \div 18$

4.  $929 \div 41$

**H. WORD PROBLEMS**

**2mark**

1. 48 boxes of apples can be loaded in a truck. How many trucks are required to load 6000 boxes ?

2. What is the least number that should be subtracted to 924 to make it exactly divisible by 48 ?

3. A car takes 18 hours to cover a distance of 990 km. How far does it travel in one hour.

4. Sunil paid a rent of Rs. 6000 as rent for his hostel in the year 2016. How much rent did he pay monthly ?

5. Mini takes 91 minutes to fill 13 buckets of water as she is helping her mother in her household chores. How much time will She take to fill 7 buckets ? Did u help your mother at home ?How

6. A Kangaroo jumps 156 times in 13 minutes . How many times will it leap in 11 minutes ?

7. There are 135 erasers in 9 boxes . How many erasers are there in 8 boxes ?

**VALUE BASED QUESTIONS**

**(3)**

1. The cost of one book is Rs. 64. How many books can Priya buy for Rs.9920 for the poor children? How much money will be left with her ? Did you like the work of Priya.

2. Mini takes 91 minutes to fill 13 buckets of water as she is helping her mother in her household chores. How much time will She take to fill 7 buckets ? Did u help your mother at home ?How

## Factors and multiples

### MARK (1)

#### 1) Fill in the blanks :

- a) Every number is a multiple of number \_\_\_\_\_ .
- b) 15 is a multiple of 1,3 ,5 and \_\_\_\_\_.
- c) A number which is a multiple of \_\_\_\_ is called even number.
- d) A number has an \_\_\_\_\_ number of multiples.
- e) Numbers which have only two factors , 1 and the number \_\_\_\_\_ is called prime number .
- f) The another name of Highest common factor ( HCF) is \_\_\_\_\_ common divisor.
- g) LCM of 6 and 12 is \_\_\_\_\_.
- h) A number is divisible by 9 if the \_\_\_\_\_ of its digit is divisible by 9.
- i) A number is divisible by 3 if the sum of its digit is divisible by \_\_\_\_\_.

#### 2) State whether true or false: (1 marks)

- a) A number is divisible by 10 if it has 0 in its once place .( )
- b) The HCF of 18 ,24 is 3 . ( )
- c) If one number is a multiple of another , the greater number is the HCF of two number.
- d) Two numbers which has only 1 as the common factor are called coprime .( )
- e) 1 is a unique number. ( )
- f) 58 is a multiple of 8 and 7 . ( )
- g) A number has limited number of factors. ( )
- h) Every number is not a multiple of 1 . ( )

#### 3) Tick the correct option: (1 marks)

- a) The factors of 16 are  
i) 1,2,3,4,8 ii) 1,2,4,8,16 iii) 1, 2 ,3,8,16 iv) 1,2,4,6
- b) The LCM of 3,7 is  
i) 1 ii) 12 iii) 21 iv) none of these
- c) The HCF of 8 , 12 and 16 is  
i) 8 ii) 4 iii) 60 iv) 144
- d) A number is divisible by 4 if the number formed by its last two digits is divisible by  
i) 8 ii) 1 iii) 4 iv) 16
- e) The number of factors that a prime number has is :  
i) 0 ii) 1 iii) 2 iv) unlimited

### MARKS (2) (Short answers)

#### 1) Define

- a) Prime factorisation
- b) Prime numbers
- c) Least common multiple
- d) Greatest common divisor
- e) Composite numbers

#### 2) Find the LCM using prime factorisation method: 2 marks

a) 18 ,12 b) 32 , 56

**3) Test the divisibility of numbers by 9 : 2 marks**

- a) 3813
- b) 4698
- c) 62532
- d) 60921

**4) Find the prime factors of the following numbers by making factor tree : 2 marks**

- a) 54 b) 90

**5) Find the HCF by prime factorisation method : 2 marks**

- a) 144 , 240
- b) 36 , 60

**6) Find the common factors of the given numbers : 2 marks**

- a) 21 , 35
- b) 16 , 11
- c) 16 , 24
- d) 40,30

**7) List all prime numbers between : 2 marks**

- a) 1 and 15 . b) 30 and 40

**8) Fill in the missing multiples : 2 marks**

- a) 7 , 14 , \_\_\_\_\_ , 28 , \_\_\_\_\_
- b) \_\_\_\_\_ , 16 , 24 , \_\_\_\_\_ , 40

**9) Using the division method , find the prime factors of the following : 2 marks**

- a) 210 b) 54

**10) Find first two common multiples of the numbers in each pair : 2 marks**

- a) 15 , 20 b) 9 , 6

**MARKS (3)**

- 1) a) I have 4 prime factors with none being the same . I'm the smallest number to make this claim. Who am I?  
b) What is the smallest number which, when added to an even number , makes it an odd number?
- 2) a) List 5 numbers which are divisible by 5 but not by 10 .  
b) If a number is divisible by 3 will it also be divisible by 9 ?

**Ch 7**

**A. MCQ'S (1 mark)**

- Which of these has a fixed length ?  
a. Line                      b. Ray                      c. Line Segment
- How many angles are formed when two lines meet at a point  
a. 1                      b. 3                      c. 2
- If two rays start from a point and go in opposite directions, the angle between them is  
a. Straight angle                      b. Zero angle                      c. acute angle
- A polygon with 3 line segments and 3 vertices and 3 angles is called \_\_\_\_\_  
a. Angle                      b. triangle                      c. ray
- A rectangle in which all sides are equal is called a \_\_\_\_\_  
a. Square                      b. triangle                      c. rectangle
- How many right angles does a right angled triangle have ?  
a. 1                      b. 3                      c. 2
- Any Part of a circle is an \_\_\_\_\_ of the circle  
a. Semicircle                      b. arc                      c. radius

**B. FILL UPS (1 mark)**

- Radius = 3.5 cm , Diameter = \_\_\_\_\_
- Diameter = 6cm , radius = \_\_\_\_\_
- Diameter = 2 × \_\_\_\_\_
- A triangle with two equal sides is called an \_\_\_\_\_
- A triangle with its three sides equal is called an \_\_\_\_\_
- An angle made by two overlapping arms is called a \_\_\_\_\_ angle.
- Hands of the clock at 9 o' clock made an angle named as \_\_\_\_\_
- \_\_\_\_\_ is the longest chord of a circle.

**C. True false**

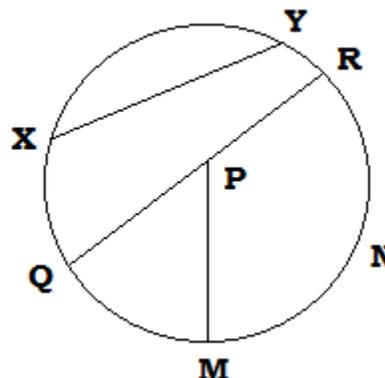
**( 1x 6 )**

- The Diameter of a circle is thrice the radius.
- The fixed point o inside the circle is its centre
- The Diameter of a circle is thrice the radius.
- The fixed point o inside the circle is its centre.
- Polygons are closed figures having three or more line segments.
- An angle made by two overlapping arms is called a zero angle.
- The hands of a clock form a right angle at 3 o ' clock.
- The point where two rays meet is called the vertex.

**D. DEFINE**

- Radius
- Diameter
- Isosceles triangle
- Ray
- Line segment
- Right angled triangle
- Scalene triangle
- Equilateral triangle
- Obtuse angle

**(2)**

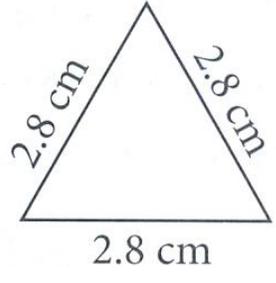
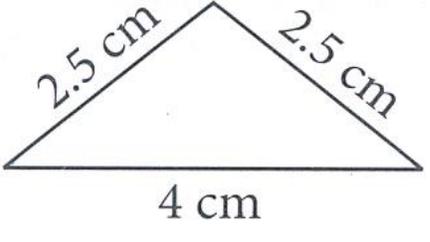
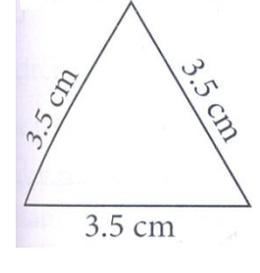
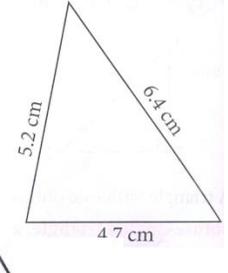
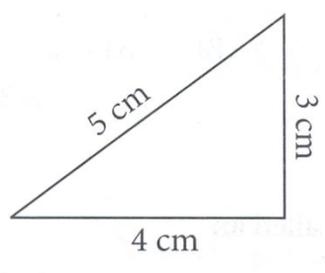
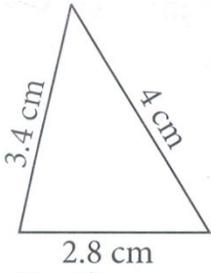


10. Chord

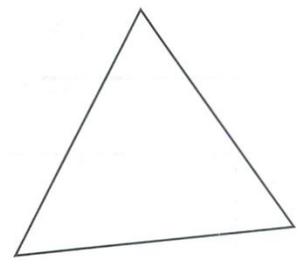
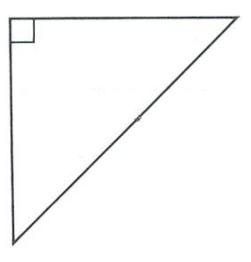
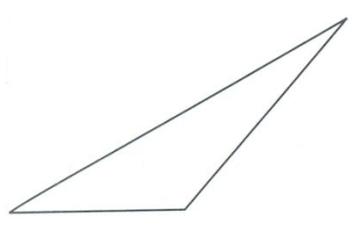
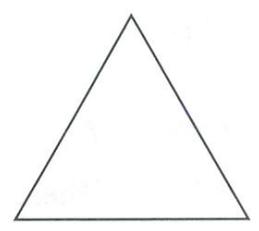
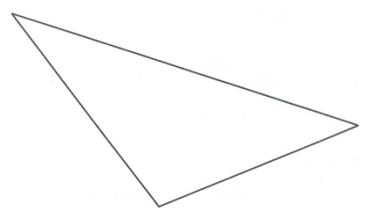
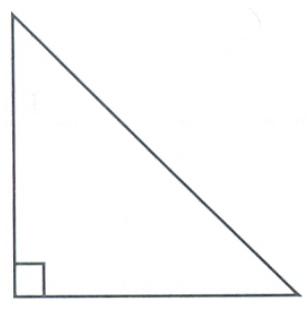
**E. Name the parts of the circle**

- a. Centre \_\_\_\_\_
- b. Any one radius
- c. Diameter
- d. Chord ( other than diameter )
- e. Any one arc

**F. CLASSIFY THE FOLLOWING TRIANGLES WITH RESPECT TO THEIR SIDES (1)**



**G. CLASSIFY THE FOLLOWING TRIANGLES WITH RESPECT TO THEIR ANGLES (1)**



**H. Draw line segments of the following lengths**

**( 1 x 3 )**

- a. 7cm 5 mm      b. 6 cm      5cm 3 mm