4

MENTAL MATH

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1. NUMBERS

Assignment-1

1. Make the smallest 4-digit number using 9, 8, 7 and 3.

   _____

2. What is the largest 4-digit number?

   _____

3. Pick out the largest number :

   7895, 8759, 5978, 9758 _____

4. Pick out the smallest number :

   9056, 4263, 8348, 7248 _____

5. What is the place value of 5 in 759?

   _____

6. Arrange in ascending order:

   7725, 1085, 9291, 5627 _____

7. What place is just left of ten thousands place?

   _____

8. What is the face value of 2 in 287?

   _____

9. Write the number in short form:

   600000 + 20000 + 1000 + 200 + 90 + 3

   _____

10. Write the number in expanded form:

    1, 28, 306 _____

Date : _____ Signature : _____

Assignment-2

1. Write the smallest 5-digit number using three different digits. _____

2. What is the largest number you can make from 6, 7, 3 and 1?

   _____

3. What place is just right of the tens place?

   _____

4. Write the number which is 100 more than 1859.

   _____

5. What is the number that comes just after the number 99999?

   _____

6. Write the successor of 6, 30, 001. _____

7. Write the predecessor of 85, 800. _____

8. Write the number name of 60, 701. _____

9. Write the numeral of twenty-six thousand seven hundred fifty-nine. _____

10. Write the smallest 4-digit number using 9, 8, 2 and 3.

    _____

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Assignment-3

1. Write the number name for 4, 16, 809.

   _____

2. Write in figures: 'one million two hundred forty two thousand five hundred two'

   _____

3. Which is the smallest number among 125,392; 142,293; 150,792; 152, 392?

   _____

4. Which is the largest number among 50,524; 58,999; 85,800; 32,645?

   _____

5. Mark the period according to the Indian place value chart: 361245

   _____

6. Mark the period according to the International place value chart: 911150

   _____

7. Form the largest and the smallest numbers using the digits 3, 7, 0, 8 and 6.
   Largest _____ Smallest _____

8. Make the greatest 6 digit number by repeating any two digits once 4, 7, 2 and 9.

   _____

9. Round off the number 427742 to the nearest 1000.

   _____

10. Write the number name of 58934 in Indian number system.

    _____

Date : _____ Signature : _____

Assignment-4

1. How many zeros are there in one lakh?

   _____

2. Round off the number 346, 513 to the nearest thousands.

   _____

3. Write the place value of 7 in 2, 74, 323.

   _____

4. Write in short form:

   80,000 + 9,000 + 200 + 30 + 8 _____

5. Put commas (,) to show the periods of the number 612512 and write its number name according to the International system.

   _____ _____

6. Write the place value of both 3's in 3, 78, 632.

   _____

7. Write the successor of 2, 58, 694.

   _____

8. Write the predecessor of 5, 48, 127.

   _____

9. Arrange the numbers 6495, 2877, 4559, 7413 in both ascending and descending orders.

   Ascending order _____

   Descending order_____

10. Write both the smallest and the largest 6-digit number.

    Smallest_____ Largest_____

Date : _____ Signature : _____

Assignment-5

1. Write the number name of 79, 368.

   _____

2. Write in figures:
   'Forty-two thousand seven hundred fifty-nine'

   _____

3. Write the place values of underlined digits in 265547.

   _____

4. Write both predecessor and successor of the number
   3, 46, 889
   Predecessor _____ Successor_____

5. Complete the pattern:
   245392, 245492, 245592, _____, _____

6. Pick out the smallest number : 5725, 3392, 1040, 2990

   _____

7. Pick out the largest number : 7723, 8624, 3129, 4263

   _____

8. Put < or > in the box correctly.
   9, 49, 323 ☐ 9, 53, 923

9. Write the number in expanded form:
   4, 05, 500 _____

10. Write odd and even numbers separately from the given numbers : 1, 12, 8, 17, 13, 89, 76, 48, 39, 212, 179
    Odd numbers : _____
    Even numbers : _____

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2. ROMAN NUMERALS

Assignment-6

1. Write the value of XIX in Hindu Arabic numerals.

   _____

2. Write 100 in Roman numerals. _____

3. Besides I, V and X which are the other English alphabets used in place of numbers? _____

4. How many times I, X, C and M can be repeated in a row to form larger numbers? _____

5. How many X's are there when you write 99 in Roman numerals? _____

6. What number do you get by repeating X and I three times each? _____

7. Write three numerals more than 16.

   _____

8. Write three numerals less than 50.

   _____

9. Write 500 in Roman numerals.

   _____

10. What is the value of M in Roman numerals?

    _____

Date : _____ Signature : _____

Assignment-7

1. Write 63 in Roman numerals. _____

2. Write the value of XXXVIII in Hindu Arabic numerals.

   _____

3. Write 990 in Roman numerals.

   _____

4. Circle the largest Roman numeral :

   XXV, XXI, XXIX, XXX

5. Circle the smallest Roman numeral :

   LXXXII, XXVI, XXII, XXIX

6. What will be the next two numerals?

   X, XX, XXX, _____, _____

7. How can you write successor of Roman numeral C? _____

8. Write the number 34 in Roman numerals.

   _____

9. Write the number XCVI in Hindu Arabic numeral.

   _____

10. Write the number 201 in Roman numerals. _____

Date : _____ Signature : _____

3. NUMBER OPERATIONS

Assignment-8

1. Find the value of 53,899 + 1. _____

2. Write the sum of 21,986 + 0. _____

3. Find the sum of 34,495 + 1000. _____

4. What must be added to 129 to make it 205?

   _____

5. How many 10's are there in 1000? _____

6. Find the value of 41600 — 100. _____

7. Put the value in the blank.

   (10,859 + _____) + 581 = (581 + 10,859) + 75,631

8. If 36 + 14 = 50 then 360 + 140 = _____

9. 3,385 + _____ = 3,386

10. Which is greater? Put symbol in the box.

    6000 + 600 + 60 ☐ 6000 + 60 + 6

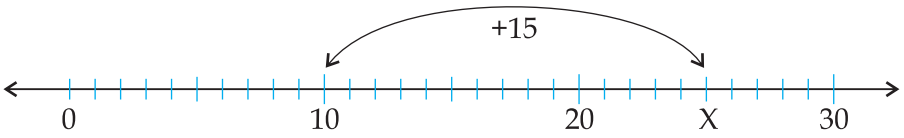
Date : _____

Signature : _____

Assignment-9

1. What is 10 less than 100? _____

2. What is the sum of 12,14 and 18? _____

3. 

What is the value of X? _____

4. Find the difference between the place values of 6 in 1063 and 6954? _____

5. What you get by subtracting 1096 from 10096?

_____

6. Rounded off to nearest 1000, the difference between 5915 and 4041 is _____

7. Get the value by subtracting 10 from 22,510.

_____

8. If 99,999 – 66,666 = 33,333 then 9,999 – 6,666 will be _____

9. If 960 – 742 = 218 then 960 – 218 = _____

10. Subtract the largest 5-digit number from the smallest 6-digit number. _____

Date : _____

Signature : _____

Assignment-10

1. Find the value of 41600 — 1000. _____

2. 4683 — 4683 is equal to _____.

3. Find the difference of 30588 and 20356 and round it off to the nearest thousand. _____

4. Get the value of 53000 — 0 = _____

5. Subtract 100 each time to fill the next numbers :

   1250, 1150, 1050, _____, _____

6. Find the sum of the even numbers between 7 and 13.

   _____

7. If 200 is subtracted from me, the answer is 800. What is my value? _____

8. If 25 + 50 is subtracted from me, the answer is 225. My value is

   _____

9. State whether 290 — 0 = 290 is correct.

   _____

10. Which number is 10 less than 409? _____

Date : _____ Signature : _____

Assignment-11

1. If you add me to 16 or subtract me from 24, the answer doesn't change. Which number am I? _____
2. What number should be subtracted from 900 to get the answer 450? _____
3. In a class there are 120 students in all. If 40 are girls. Find the number of boys. _____
4. If 246 – 64 = 182 then 246 – 182 will be _____.
5. When 1,864 subtracted from a number we get 864. Find the number? _____
6. Find the sum of 989 and 1011. _____
7. If we subtract 0 from 5,454 we get _____.
8. Seema bought a purse for ₹ 235 and a bag for ₹ 485. How much money did she spend in all? _____
9. Add 17, 17 and 17. _____
10. Rani was born in 1999. How old was she in 2017?

_____

Date : _____ Signature : _____

Assignment-12

1. Find the value of 6000 — 3000 + 3000. _____

2. 3 hundreds 8 tens 7 ones = _____ hundreds + 18 tens + 7 ones

3. What should be added to 2245 to get 3245? _____

4. Fill the number to make the statement correct.

   786 — _____ = 16 less than 116

5. 5879 — X = 3514.

   What is the value of X? _____

6. 5063 + 4094 — 1808 = _____

7. 150 + 20 _____ 165.

   Put > or < in the blank.

8. What should be added to complete the order :

   725, 825, 925, _____, 1125.

9. There are 3720 people in a colony. 2650 are males and females. How many children are there? _____

10. Find the value of 35 + 115 + 50. _____

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Assignment-13

1. What is the value of 5 × 4 × 2 _____

2. 9 × 4 = 6 × _____

3. How many 100's are there in 3300? _____

4. What number is five times 40? _____

5. 8 × 5 = 4 × _____

6. What is the value of 3 × 5 × 0? _____

7. Multiply 688 by 100. _____

8. What number is 8 times 10? _____

9. Find the product of first 3 even natural numbers. _____

10. 9 × 9 = _____ + 75

Date : _____

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Assignment-14

1. $40 \times 20 \times 10 =$ _____

2. **Find the value :**

   $21 \times$ _____ $= 105$

3. **What is the product of 110 × 80?** _____

4. _____ $\times 100 = 700$

5. **Is 140 > 15 × 10 ?** _____

6. $100 - 17 \times 5 =$ _____

7. **What number can be divided by 9 exactly ten times?**

   _____

8. $(15 \times 6) \div 9 =$ _____

9. **Find the value :**

   _____ $\times 9 = 8100$

10. **Divide :** $535 \div 5 =$ _____

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Assignment-15

1. Find the quotient 45 ÷ 9 = _____

2. Find the product of the first 3 odd numbers. _____

3. Write division facts for 4 × 7 = 28.

   _____ _____

4. Find the quotient and the remainder.

   2505 ÷ 100. Q = _____ R = _____

5. 99 × 21 = (99 × 20) + (99 × _____)

6. 35 = _____ × 35

7. If 440 ÷ 11 = 40 then 4400 ÷ 11 = _____

8. 3,160 ÷ 3,160 = _____

9. 584 ÷ 1 = _____

10. 7 × 12 = 12 × _____

Date : _____ Signature : _____

Assignment-16

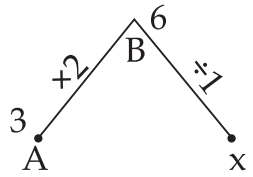
1. 72 books are distributed among 8 children. How many books does each child get? _____

2. 7 × 8 = 50 + _____

3. _____ × 100 = 0

4. What number is at X if the route is A to B then B to X?

_____



5. 6 × 10 = (6 × 2) + (6 × _____)

6. Is 1000 > 3 × 300 _____

7. 5700 ÷ 100 is equal to _____.

8. 24000 ÷ 1000 gives the quotient _____.

9. 0 ÷ 32 gives the quotient _____.

10. When a number is multiplied by 0 the product is _____.

Date : _____ Signature : _____

Assignment-17

1. If 55 ÷ 11 = 5 then 5500 ÷ 11 = _____

2. Find the value of 2360 ÷ 236. _____

3. Circle the one that will give a non-zero remainder.

   4,200 ÷ 10 ; 4587 ÷ 100 ; 4500 ÷ 100

4. Find the quotient of 3,290 ÷ 10. _____

5. Put > or < in the box.

   6,829 ÷ 100 ☐ 6,829 ÷ 10

6. Which is larger?

   4,400 ÷ 100 or 3,300 ÷ 100 _____

7. Find the value : 200 ÷ (2 × 50) _____

8. What is 100 multiplied by 47? _____

9. Find the value : 28 – (90 ÷ 5) = _____

10. What are the missing numbers?

    19, 38, 57, _____,_____, 114

Date : _____

Signature : _____

Assignment-18

1. $42 \times 10 = (42 \times 3) + (42 \times$ _____$)$

2. $30 \times 6 \div 3 =$ _____

3. $4105 \times 3 \times 553 = 3 \times$ _____ $\times 553$

4. $17 \times 700 =$ _____

5. If $49 \times 51 = (50 \times 50) - 1 = 2500 - 1 = 2499$ then find :

   $99 \times 101 =$ _____ = _____ = _____

6. Find the value : $30 \times 50 \times 10 =$ _____

7. Find : $7\overline{)91}$ Q = _____

8. When 538 is divided by 10, the remainder is _____.

9. The double of a number is 36. What is the half of the number?

   _____

10. If you multiply this number by 9, you get 108. Find the number. _____

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