C-17

Learning Express

EXPLORE MATH

Question Papers

Class -3

Formative Assessment - I

Formative Assessment - II

Formative Assessment - III

Formative Assessment - IV

Summative Assessment - I

Summative Assessment - II

Summative Assessment - III

No. of Sets : 3
No. of Students : 3

Total Pages : 64

Note : These Question Papers are meant for students, using Learning Express Text Books and Summative Assessment Papers are also complement for schools. The price of Rs. 6/- against Formative Assessment Papers also charged nominally towards transportation and handling charges only and to avoid misusage/ wastage.

Lesson Plan

Class : 3

	Months	Explore Math
FA - I	June-July	1. Revision 2. Numbers 3. Roman Numbers
FA - II	August	4. Addition 5. Subtraction
SA - I	September	1. Revision 2. Numbers 3. Roman Number 4. Addition 5. Subtraction
FA - III	October - November	6. Multiplication 7. Division
SA - II	December	1. Revision 2. Numbers 3. Roman Number 4. Addition 5. Subtraction 6. Multiplication 7. Division 8. Fractions 9. Measuring length
FA - IV	January-February	10. Measuring Weight 11. Measurement of Capacity 12. Time 13. Money
	March	**Revision**
SA - III	April	1. Revision 2. Numbers 3. Roman Number 4. Addition 5. Subtraction 6. Multiplication 7. Division 8. Fractions 9. Measuring length 10. Measuring Weight 11. Measurement of Capacity 12. Time 13. Money 14. Pictoral Representation 15. Geometry 16. Patterns are all around us!

FORMATIVE ASSESSMENT - I

25

[Time : 1 Hour] Class : 3 Learning Express Explore Math [Max. Marks : 25]

Name : Class : Section : Roll No :

Syllabus : Learning Express Text Book : Units 1 - 3

I. Write these numbers in standard form. **(3 x 1 = 3)**

I. Two hundred six - _____

2. 200 + 10 + 6 - _____

3. 5 hundreds 2 ones - _____

II. Fill in the correct order of numbers. **(2 x 1 = 2)**

I. 1392, _____ , 1394 , _____ , _____

2. 5223, _____ , _____ , _____ , _____

III. Write the given numbers in the standard form. **(3 x 1 = 3)**

I. One thousand ten - _____

2. Six thousand one hundred seven - _____

3. Five thousand two hundred three - _____

IV. Give the place value of the circled digit. **(2 x 1 = 2)**

I. 2 0 6 (5) = _____

2. 1 7 (9) 6 = _____

V. Compare the numbers. Write <, > or = . **(6 x ½ = 3)**

I. 1 9 7 6 _____ 2 9 7 6

2. 4 7 0 0 _____ 4 7 0 0

3. 7 3 2 1 _____ 4 9 3 7

4. 3 2 4 1 _____ 3 2 5 1

5. 2 9 7 1 _____ 3 1 2 5

6. 7 3 2 1 _____ 7 3 1 2

VI. Arrange the numbers in each set in ascending and descending order. **(4 x 1 = 4)**

I. 4279, 3215, 9219, 2195

2. 2345, 1927, 2176, 3124

3. 2896, 2986, 3910, 3210

4. 2197, 3251, 1095, 2196

VII. Write the given numerals in roman numerals. **(2 x 1 = 2)**

I. 49 _____

2. 32 _____

VIII. What do the following roman numerals stand for? **(2 x 1 = 2)**

I. XL _____

2. IV _____

IX. What is the difference between VI and IV ? **(2 M)**

_____

_____

X. Write the answer of the following in roman numerals. **(2 x 1 = 2)**

I. 14 ÷ 2 = _____

2. 27 + 4 = _____

★★★★

FORMATIVE ASSESSMENT - II

25

[Time : 1 Hour] Class : 3 Learning Express Explore Math [Max. Marks : 25]

Name : Class : Section : Roll No :

Syllabus : **Learning Express Text Book :** Units 4,5

I. Solve the following word problems. **(3 x 2 = 6)**

I. There are 1730 boys and 1500 girls in a school. How many children are there altogether ?

2. 5019 students study in a school. Out of them 2867 are girls. How many boys are studying in the school?

3. What number should be added to the sum of 7213 and 1308 to give 9819.

II. Fill in the blanks. **(2 x 1 = 2)**

I. 436 + 315 = _____ + _____

2. 129 + 193 = _____ + _____

III. Add the following numbers by arranging them in columns. **(2 x 1 = 2)**

I. 372 and 296 = _____

2. 664 and 151 = _____

IV. Addition with one regrouping. **(2 x 1 = 2)**

I.

Th	H	T	O
6	4	5	3
+ 3	2	3	7

2.

Th	H	T	O
2	2	2	2
+ 7	3	3	9

V. Subtract 3 - digit numbers without regrouping. **(2 x 1 = 2)**

I.

H	T	O
5	2	8
– 3	2	6

2.

H	T	O
5	9	3
– 1	8	1

VI. Add the following. **(3 x 1 = 3)**

I. 27 and 35 = _____

2. 58 and 19 = _____

3. 87 and 9 = _____

VII. Find the sum of the following. **(3 x 1 = 3)**

I. 1 + _____ = 49

2. 419 + 1 = _____

3. 397 + 1 = _____

VIII. Arrange the given numbers in a vertical order and add. **(3 x 1 = 3)**

I. 1987 + 2094 = _____

2. 2159 + 3194 = _____

3. 3726 + 4932 = _____

IX. Fill in the blanks. **(2 x 1 = 2)**

I. 197 – _____ = 197

2. 399 – 1 = _____

★★★★

FORMATIVE ASSESSMENT- III

25

[Time : 1 Hour] Class : 3 Learning Express Explore Math [Max. Marks : 25]

Name : Class : Section : Roll No :

Syllabus : **Learning Express Text Book :** Units 6, 7

I. Fill in the blanks. **(6 x ½ = 3)**

I. 2 × _____ = 9 × 2 = _____

2. 7 × _____ = 4 × 7 = _____

3. _____ × 9 = 9 × 5 = _____

4. _____ × 6 = 6 × 4 = _____

5. 8 × 3 = _____ × 8 = _____

6. 5 × 2 = _____ × 5 = _____

II. Solve the following word problems. **(4 x 2 = 8)**

I. Divya Pasted 17 stamps on each page of her album. if the album had 105 pages in all, how many stamps did Divya paste ?

2. 354 students of a school are to be taken for a picnic. If the school has hired six buses, how many children should go in each bus ?

3. Multiply the largest 3-digit number and the largest 2-digit number.

4. Meghna had 432 balloons to decorate 8 rooms. How many balloons can she use for each room?

III. Multiply the following and find the product. **(3 x 1 = 3)**

I.

H	T	O
	6	4
×	2	3
	×	3
0	×	2

Product

2.

H	T	O
	6	8
×	1	9
		0

Product

3.

H	T	O
	8	6
×	3	1
		0

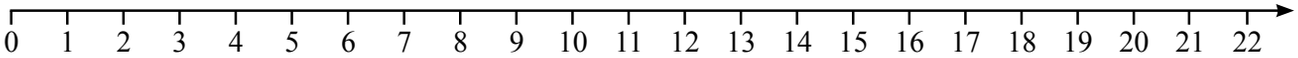
Product

IV. Use short division method to find the quotient for the following. **(2 x 1 = 2)**

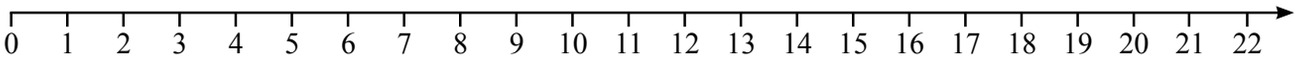
1. $6\overline{)36}$ **2.** $8\overline{)32}$

V. Find the quotient of the following using a number line. **(2 x 1 = 2)**

1. 12 ÷ 3



2. 18 ÷ 6



VI. Fill in the blanks. **(4 x 1 = 4)**

1. 18 × _____ = 180

2. _____ × 100 = 3600

3. **5** × 20 = _____

4. _____ × 10 = 70

VII. Solve and find the quotient and the remainder. **(3 x 1 = 3)**

1. 368 ÷ 8

2. 329 ÷ 6

3. 2179 ÷ 5

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FORMATIVE ASSESSMENT- IV

25

[Time : 1 Hour] Class : 3 Learning Express Explore Math [Max. Marks : 25]

Name : Class : Section : Roll No :

Syllabus : **Learning Express Text Book :** Units 10 - 13

I. Convert these weights from grams to kilograms. **(2 x 1 = 2)**

I. 3070 g = _____ kg _____ g

2. 1600 g = _____ kg _____ g

II. Word problems (verbal sums). **(4 x 2 = 8)**

I. Martha's math book weighs 140 g. Her social studies book weighs 200g. How many grams do Martha's books weigh together ?

2. Put these weights in order, starting with the smallest :

a) 23 g **b)** 10 g **c)** 125 g **d)** 84 g **e)** 11 g

3. A crayon has a mass of 30 grams. How many crayons can be made with 30 kilograms of coloured wax ?

4. Geri takes 50 grams of vitamin C everyday. How many grams of vitamin C does Geri take in 30 days ?

III. Convert the following measures of capacity. **(2 x 1 = 2)**

I. 2453 m*l* = _____ m*l* **2.** 9*l* 952 m*l* = _____ m*l*

IV. Write the following amounts in numeric form. **(2 x 1 = 2)**

I. 10 rupees and 45 paise = _____

2. Seventy nine rupees and seventy five paise = _____

V. Find out whether the given years are leap years or not . **(2 x 1 = 2)**

I. 1998 = _____

2. 2000 = _____

VI. Add the following by arranging them in columns. **(2 x 1 = 2)**

1. 11 kg 123g + 19kg 425g

2. 23 kg 400g + 34kg 250g

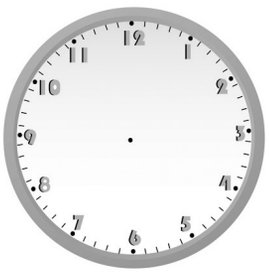
VII. Multiply the following. **(3 x 1 = 3)**

1. 15p x 5

2. ₹ 210.07 x 7

3. ₹ 25 x 3

VIII. Write the time in digital form and indicate it on the clock alongside. **(2 x 1 = 2)**

1. 

A quarter past I

_____

2. 

A quarter to 5

_____

IX. Write in words. **(2 x 1 = 2)**

1. ₹ 301 = _____

2. ₹ 23.75 = _____

★★★★

SUMMATIVE ASSESSMENT - I

50

[Time : 2½ Hours] Class : 3 Learning Express Explore Math [Max. Marks : 50]

Name : Class : Section : Roll No :

Syllabus : **Learning Express Text Book :** Units 1 - 5;

I. Solve the following word problems. **(5 x 2 = 10)**

I. In a school library their are 9000 books. Out of these 1497 books are discarded. How many books are there in the library now ?

2. In a school there were 1200 boys and 957 girls. Out of all 1532 went for a camp. How many students remained in school ?

3. In a year I attended school for 235 days. If the calendar year has 365 days, How many days did I miss school?

4. In a basket there are 4000 flowers altogether. If there are 2125 red flowers and 525 yellow flowers, how many white flowers are there in the basket ?

5. Seema has ₹ 1512 in her money box. She spent ₹ 579 on buying a gift for her mother. How much money is left in her money box ?

II. Who am I ? **(4 x 1 = 4)**

I. My thousands digit is 5 and other digits are zero - _____

2. I am the greatest 4 - digit number - _____

3. All my 4 - digit are 1 - _____

4. I am 1 more than the greatest 3 - digit number - _____

III. Read the following number names and match them to the numbers. **(5 × 1 = 5)**

a. six thousand	**I.** 2000
b. one thousand	**2.** 5000
c. five thousand	**3.** 4000
d. two thousand	**4.** 6000
e. four thousand	**5.** 1000

IV. What do the following roman numerals stand for ? **(2 x 1 = 2)**

1. X V = _____ **2.** L = _____

V. Find the answer for the following. **(4 x 1 = 4)**

1. 0 + 315 = _____

2. 218 + 0 = _____

3. 935 + 0 = _____

4. 400 + _____ = 400

VI. Fill in the missing number. **(4 x 1 = 4)**

1. 213 – 0 = _____

2. _____ – 491 = 0

3. 800 – _____ = 799

4. 292 – _____ = 292

VII. Subtract the following by arranging them in columns. **(2 x 1 = 2)**

1. 13 from 56 **2.** 59 from 79

VIII. Write numbers for the given expanded form numbers. **(4 x 1 = 4)**

1. 3000 + 30 + 3 = _____

2. 6000 + 400 + 90 + 9 = _____

3. 1000 + 100 + 7 = _____

4. 2000 + 800 + 20 + 7 = _____

IX. Insert > or < sign. **(8 x ½ = 4)**

1. 2191 _____ 2192 **5.** 1673 _____ 1674

2. 2761 _____ 2749 **6.** 1900 _____ 1909

3. 5123 _____ 8123 **7.** 3219 _____ 4129

4. 4489 _____ 4492 **8.** 4654 _____ 4163

X. Circle the even numbers. **(1 M)**

I. 2131 2322 2419 4796

XI. Write the place value and face of the circled digits. **(5 x 1 = 5)**

I. 1 (9) 2 3

2. 4 3 (2) 1

3. 7 2 3 (4)

4. (1) 9 3 7

5. 2 (1) 9 3

XII. Addition with three regrouping. **(2 x 1 = 2)**

I.

TH	H	T	O
4	8	7	4
+2	5	7	7

2.

TH	H	T	O
1	9	8	7
+2	5	3	8

XIII. Write the given numbers in expanded form. **(3 x 1 = 3)**

I. 999 = _____

2. 519 = _____

3. 305 = _____

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SUMMATIVE ASSESSMENT-II

50

[Time : 2½ Hours] Class : 3 Learning Express Explore Math [Max. Marks : 50]

Name : Class : Section : Roll No :

Syllabus : **Learning Express Text Book :** Units 1-9

I. In the given multiplication statements, identify the factors and the products. **(5 M)**

		Factors	Products
1.	1 × 8 = 8		
2.	5 × 6 = 30		
3.	2 × 8 = 16		
4.	9 × 7 = 63		
5.	7 × 4 = 28		

II. Solve the following word problems . **(5 x 2 = 10)**

I. A fruit selles bought 3 boxes of apples containing 1210, 2100 and 1520 apples respectively. find the total number of apples bought.

2. There are 1230 students attending a school assembly. If there are 30 students in a row, how many such rows are there ?

3. From my $\frac{5}{11}$ chocolate bar, 1 gave my brother $\frac{2}{11}$, how much do I have left ?

4. Mom had 23 m 40 cm of cloth. She cut 23 m 84 cm cloth for the beddings. Find the length of the cloth remaining in cm ?

5. There are 30 magazines in a pile. Each magazine is 3 mm thick. How high is the pile in centimetres ?

III. Write the number names for given numbers. **(3 × 1 = 3)**

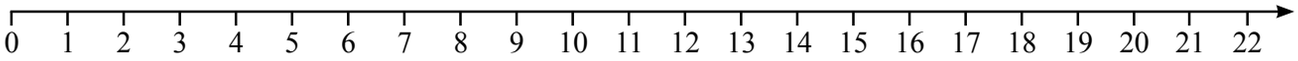
I. 2179 = _____

2. 4315 = _____

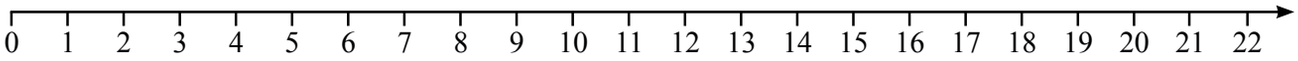
3. 5215 = _____

IV. Find the quotient of the following using a number line. **(2 × 1 = 2 M)**

I. 12 ÷ 3 = _____



2. 18 ÷ 6 = _____



V. Divide : **(2 × 1 = 2 M)**

I. 690 by 6

2. 880 by 8

VI. Without actual division write the quotient and the remainders of the following. **(5 M)**

		Quotient	Remainder
1.	75 ÷ 10		
2.	160 ÷ 10		
3.	257 ÷ 100		
4.	1394 ÷ 100		
5.	495 ÷ 10		

VII. Fill in the boxes with < or >. **(4 × ½ = 2 M)**

I. $\frac{2}{3} \square \frac{1}{3}$ **2.** $\frac{5}{6} \square \frac{5}{8}$ **3.** $\frac{9}{11} \square \frac{5}{11}$ **4.** $\frac{7}{13} \square \frac{2}{13}$

VIII. Arrange the following in descending order. **(2 × 1 = 2)**

I. $\frac{2}{9}, \frac{5}{9}, \frac{3}{9}, \frac{4}{9}, \frac{1}{9}$

2. $\frac{4}{11}, \frac{1}{11}, \frac{6}{11}, \frac{7}{11}, \frac{9}{11}$

IX. Subtract 3-digit numbers without regrouping. **(3 × 1 = 3)**

I.
$$\begin{array}{r} 527 \\ -\ 335 \\ \hline \\ \hline \end{array}$$

2.
$$\begin{array}{r} 593 \\ -\ 181 \\ \hline \\ \hline \end{array}$$

3.
$$\begin{array}{r} 785 \\ -\ 284 \\ \hline \\ \hline \end{array}$$

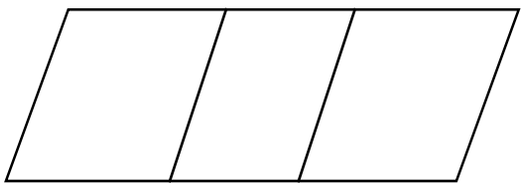
X. Find the product of the following. **(4 × 1 = 4)**

I. 2 × 300 = _____ **2.** 9 × 60 = _____

3. 9 × 400 = _____ **4.** 5 × 40 = _____

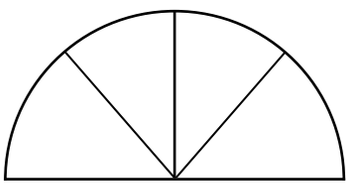
XI. Colour the part equal to the given fraction. **(2 × 1 = 2)**

I.



$\frac{2}{3}$

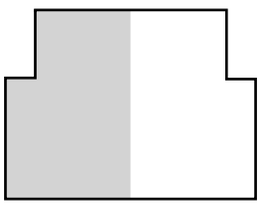
2.



$\frac{1}{4}$

XII. Write a fraction for the shaded part. **(2 × 1 = 2)**

I.



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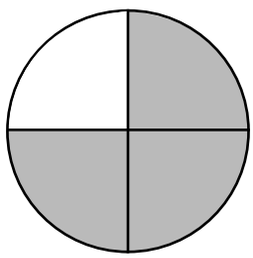
2.



_____

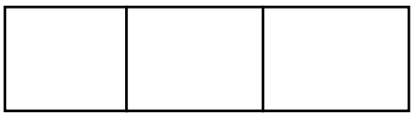
XIII. Find out whether the following fractions are equivalent or not. **(2 × 1 = 2)**

I. $\frac{2}{3}$, $\frac{7}{9}$ = _____

2. $\frac{1}{9}$, $\frac{10}{90}$ = _____

XIV. Shade $\frac{2}{3}$ of each of these stripes. **(2 × 1 = 2)**

I.



2.

XV. Write the answer of the following in roman numerals. **(4 × 1 = 4)**

I. 14 ÷ 2 = _____

2. 100 – 5 = _____

3. 27 + 4 = _____

4. 24 + 4 = _____

★★★★

LEARNING EXPRESS 17

SUMMATIVE ASSESSMENT-III

Class : 3 Learning Express Explore Math

50

[Time : 2½ Hours] **[Max. Marks : 50]**

Name :	Class :	Section :	Roll No :

Syllabus : **Learning Express Text Book :** Units 1-16

I. Word problems (verbal sums). **(4 x 2 = 8)**

I. Steven goes to the grocery store and is looking at a winter squash. It has a mass of 1.8 kilograms. How many grams is the winter squash ?

2. In a garden, Sneha planted $\frac{2}{3}$ rows of seeds. The crows come and ate $\frac{1}{3}$ rows of the seeds. How many rows of seeds are left ?

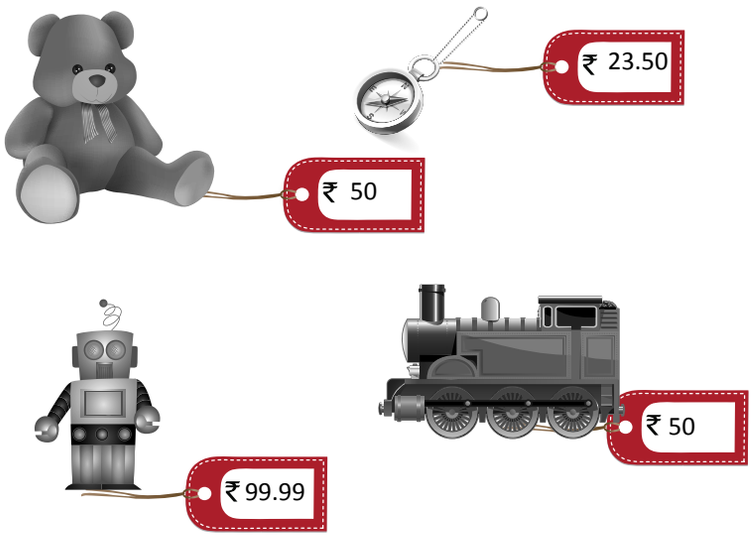
3. Priya bought 943 books for school library. If each book costs ₹ 38, find the total cost of the books ?

4. There are 1730 boys and 1500 girls in a school. How many children are there altogether ?

II. Write each time in the 24-hour clock time: **(5M)**

1.	4:15 a.m.	
2.	3:30 p.m.	
3.	5:45 a.m.	
4.	11:00 p.m.	
5.	9:45 a.m.	
6.	7:10 a.m.	

III. Anjali goes shopping with her kids to a Mall. She sees the prices of the following toys. (4 M)



a. What would a teddy and a toy robot together cost ?

b. What would be the total cost of a keyring and a teddy bear ?

c. How much would a toy engine and a keyring cost together ?

d. Anjali decides to buy the toy engine for Madhav and pays ₹ 200. How much change would she get back ?

IV. Fill in the boxes with < or > . (4 x ½ = 2M)

1. $\frac{2}{3}$ _____ $\frac{1}{3}$ **3.** $\frac{5}{6}$ _____ $\frac{5}{8}$

2. $\frac{7}{13}$ _____ $\frac{2}{13}$ **4.** $\frac{9}{11}$ _____ $\frac{5}{11}$

V. Count the following measuring units as indicated . (5 x 1 = 5)

1. 45 cm = _____cm

2. 1km 20m = _____ m

3. 2m 50cm = _____cm

4. 7m 45cm = _____cm

5. 200 m = _____mm

VI. Subtract the following fractions . **(4 M)**

1. $\frac{4}{7} - \frac{3}{7}$ = _____

2. $\frac{3}{4} - \frac{1}{4}$ = _____

3. $\frac{6}{11} - \frac{4}{11}$ = _____

4. $\frac{7}{13} - \frac{4}{13}$ = _____

VII. Add the following. **(3 x1 = 3)**

1.

₹	P
12	15
+ 11	26

2.

₹	P
41	39
+ 29	21

3.

₹	P
123	35
+ 42	05

VIII. Multiply the following. **(4 x1 = 4)**

1. ₹ 123 × 2

2. ₹ 13.50 × 4

3. 15p × 5

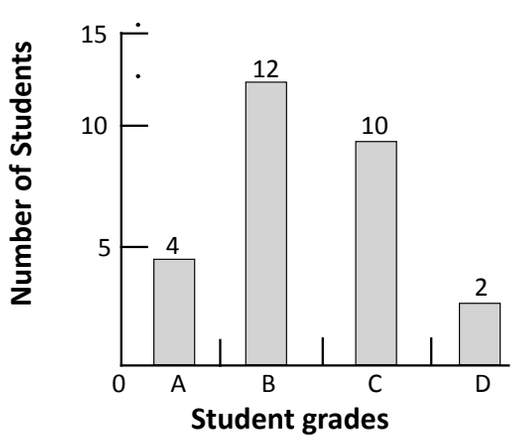
4. ₹ 210.07 × 7

IX. Answer the following questions dealing with bar graphs. **(2 M)**

In recent test, this many students got the following grades:

Grade:	A	B	C	D
Students :	4	12	10	2

And here is the bar graph:



From the graph answer the following questions.

1. How many students were in grade A ?

2. How many students in all scored grade C and D ?

X. Arrange the number in ascending and descending order. **(3M)**

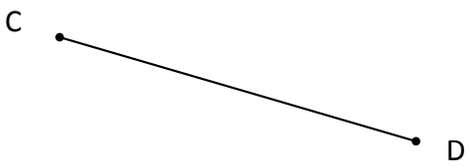
1. 1900, 1700, 1800, 1100

2. 2345, 1927, 2176, 3124

3. 6109, 6910, 6190, 6091

XI. Write if each is a point, line segment, line, or ray and its name. **(2 x 1 = 2)**

1.



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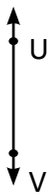
2.



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XII. Look at the number patterns below and complete the sequence. **(2 x1 = 2)**

I. 4, 7, 10, 13, 16, _____

2. 97, 107, 117, _____

XIII. Can you un-scramble the letters to make months of the year ? **(6 M)**

1.	lipAr	
2.	guutsA	
3.	rebmecDe	
4.	urraybeF	
5.	Jyuaanr	
6.	luyJ	
7.	Jnue	
8.	charM	
9.	aMy	
10.	bervoNem	
11.	bOterco	
12	petSebmre	

★★★★