SECTION A
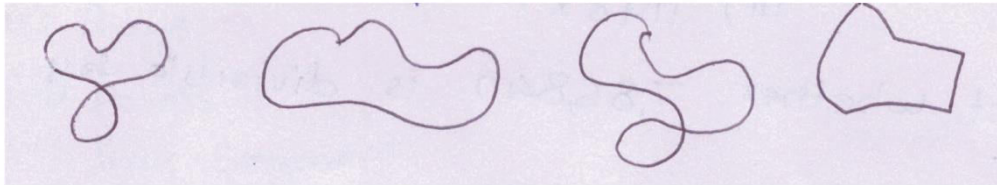
I. Solve the following:

   a. Write all the factors of 68.
   b. Fill in the blanks using multiplication tables

      _____ _____ _____ _____ _____ 18

   c. Express 250 as a product of factors.
   d. Draw and label intersecting lines.
   e. Tick the simple curves.

   f. Multiplicative identity when multiplied by 20 equals
   g. Write 465082 in the Indian and international number system.
   h. Write the place value and face value of 5 in the following 45679320
   i. 6,956 is rounded off to nearest _____ as 7000.

II. Solve

   1.
       a) Estimate 743 +829 +4317
       b) Round off to nearest 1000's

         a) 7,459   b) 9,947   c) 6,498   d) 3,348

   2. 8000+20 X 99 -500
   3. Find 355 X99 using the distributive property over subtraction.
   4. Draw a factor tree and write the prime factorisation of
      1) 782   2) 120   3)84
   5. Find a number which is
      i. 1,675 greater than 5,290
      ii. 895 less than 7,896.
   6. Multiply i. 7452 x 45   ii. 9923 x 62   iii. 1198 x 79
   7. Test whether 7,86,840 is divisible by 2,3 ,6 and 9.
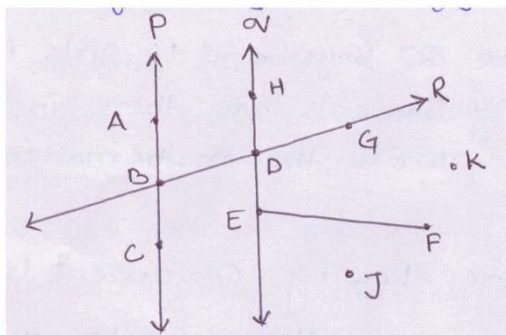
III. Solve the following questions:

   a) Find the LCM of the following by prime factorisation and division method.
      i. 70 , 140, 350   ii. 48, 56 , 72   iii. 8,12,16
   b)
      i.   Solve using number line 1) 14+5   2) 6 x 3
      ii.   Complete the table:

Number	Number before	Number after
35,40,801		
12,37,990		

iii.   State the property :
1) 205 x 52 = 52 x 205 _____   2) 795 + 5 = 800 _____.

c) Label the following in the figure

i.   Lines
ii.   Rays
iii. Points
iv.   Line segments
v.   Parallel lines

IV. Solve :

a) There are 27 boys and 16 girls in a class. How many students are there in 15 such classes? Write the mathematical statement.
b) Draw
   i) a figure showing concurrent lines.
   ii) Two non- collinear points x and y to line segment AB.
c) A school purchases 2192 books for the library at a cost of Rs. 279 each. Estimate the total cost of the books?
d) If 9,975Kg of wheat is packed in 95 bags, How much wheat will each bag contain?
e) The population of Bhopal was 2,45,89,212 in the year 2002. In the year 2003 it decreased by 32,78,000. What was the total population of the city in 2003?