BIRLA VIDYA NIKETAN
Session 2025 – 26
Class – V
MATHEMATICS – L- 3 (Multiplication)
ASSIGNMENT – 3 (Solution)

1. **Choose the correct option:**

   a) 500 less than the product of 90 and 200 is

   i) 16,500 ii) 17,500 iii) 18,500 iv) 19,500

   b) 120 x 50 x 50 = _____
   i) thirty lakh ii) three hundred thousand iii) thirty thousand iv) None of the above

   c) The number of hours in a week is _____.
   i) 148 ii) 158 iii) 168 iv) 178

   d) The product of successor and predecessor of 999 is

   i) 9,99,000 ii) 9,98,000 iii) 99,80,000 iv) 99,90,000

2. **Fill in the blanks:**

   a) 44 x 74 x 0 x 202 = 0
   b) 2 x 20 x 220 =8800
   c) 5 x 613 x 20 = 61300
   d) 712 x 8 x 125 = 712000
   e) 64 x 4 x 250 =64000

3. **Find the following products:**

   a) 81442
   x 56

   Product = 45,60,752

   b) 8032
   x 501

   Product = 40,24,032

4. **Use shortcut method to find the product of 251 x 999.**

   251 x (1000 -1)

   (251 x 1000) – (251 x 1)

   2,51,000 - 251

   2,50,749

5. **The following table shows the monthly pocket money of different children. Answer the questions based on the table:**

NAME	MONEY
Pooja	₹1250
Sanvi	₹2850
Preksha	₹3000
Amar	₹1700
Pratap	₹ 2050

   a. How much money does Sanvi get in a year?

      12 x ₹2850 = ₹ 34,200

   b. How much money does Amar get in 3 months?

      3 x ₹1700 = ₹ 5,100

   c. How much money does Pooja get in 10 years?

      Amount of money saves by Pooja in 1 year = 12 x ₹1250 = ₹ 15,000

      Amount of money saves by Pooja in 10 years = 10 x ₹ 15000 = ₹ 1, 50,000

6. **The price of a ticket for a musical concert in a town is ₹ 3350 per person. If a group a of families book 68 tickets for the show, how much will they have to pay?**

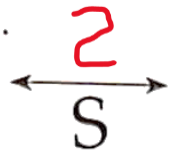
Sol – Cost of a ticket = ₹ 3,350

Cost of 68 tickets = 68 x ₹ 3350 = ₹ 2,27,800

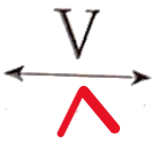
L-12 (Symmetry, Patterns and Views)

1. Draw the reflections of the following about the line indicated:

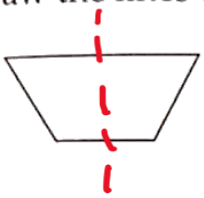
a. 

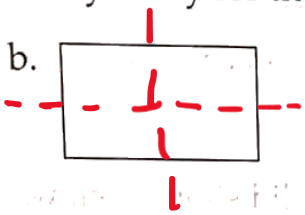
b. 

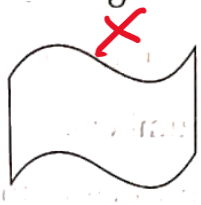
c. 

d. 

2. Draw the lines of symmetry if any for the following:

a. 

b. 

c. 

d. 

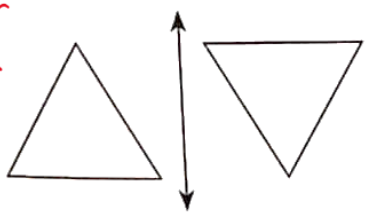
3. Which of the following have rotational symmetry of order 2?

P I H 0 3 X

4. State whether the shapes are reflections about the given line.

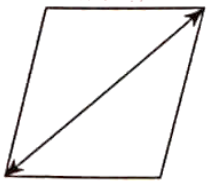
a. 

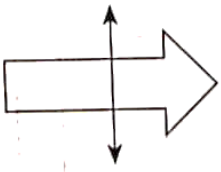
b. 

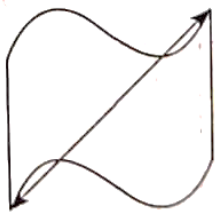
c. 

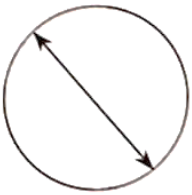
d. 

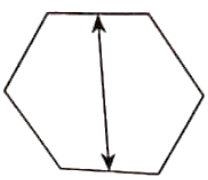
5. State whether the lines in the following are lines of symmetry.

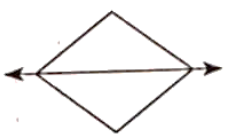
a. 

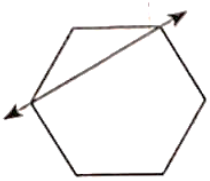
b. 

c. 

d. 

e. 

f. 

g. 

6. Complete the following number patterns.

a) 13, 17, 21, 25, 29, 33, 37

b) 1, 5, 25, 125, 625, 3125, 15625

c) 1, 3, 6, 10, 15, 21, 28

d) 1, 4, 9, 16, 25, 36, 49

7. Circle the figure breaking the rule of the pattern:-

Mind Spark Questions:

1. Tina's teacher asked all the children in her class to form a queue. She gave 5 papers to the first student, 6 papers to the second student, 7 papers to the third student and so on. How many papers would the *n*th student get?

a) 2n+3 b) n+4 c) 3n+1 d) n+5

2. Write the next two terms of the pattern in the blanks given.

5, 500, 8, 497, 11, 494, 14, 491, 17, 488, 20

3. In a teachers' room there are 4 tables with 6 chairs each, 3 tables with 4 chairs each and 2 tables with 2 chairs each. How many chairs are there in the teachers' room?

a) 21 b) 32 c) 40 d) 48