Multiplication of 3-digit number by a 2-digit number

A. Choose the correct answer:

- 1. What is 123 × 12?
 - a) 1,346
 - b) 1,456
 - c) 1,476
 - d) 1,516
- 2. Which method is commonly used for multiplying a 3-digit number by a 2-digit number?
 - a) Division
 - b) Column/Vertical method
 - c) Estimation only
 - d) Number line

3. 306 × 20 equals

- a) 6,120
- b) 6,000
- c) 6,1200
- d) 6,260

B. Fill in the Blanks

- 1. 234 × 10 = _____
- 2. To multiply 3-digit by 2-digit numbers, we first multiply by the digit in the _____ place
- 3. 100 × 25 = _____

4. In the product of 215 × 13, we multiply 215 by _____ and then by _____

5. 342 × 1 = _____

C. Different Type Questions

- 1. Multiply 123 × 14 using the column method and show the steps clearly
- 2. A box contains 125 pencils. How many pencils are there in 24 such boxes?
- 3. Estimate the product of 438×21 by rounding both numbers
- 4. Solve: 314×12 and explain each step of the multiplication

5. A school has 115 students in each class. There are 16 classes. Find the total number of students

D. Mark each sentence with a True (\checkmark) or False (X):

- 1. 100 × 15 = 1,500
- 2. We always start multiplying from the tens digit of the 2-digit number
- 3. 203 × 0 = 0
- 4. 215 × 10 = 2,150
- 5. Estimation gives the exact product every time

E. Miscellaneous Questions

- 1. A book costs ₹125. How much will 32 books cost?
- 2. Multiply 247 by 13 using the column method
- 3. A carton holds 108 bottles. How many bottles are there in 25 cartons?
- 4. Use estimation to find the product of 396×19
- 5. Write a word problem that involves multiplying a 3-digit number by a 2-digit number and solve it