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

A. Choose the correct answer:

- 1. What is 123 × 104?
 - a) 12,792
 - b) 12,700
 - c) 13,092
 - d) 12,252
- 2. Which of the following is a correct estimate for 348 × 205?
 - a) 60,000
 - b) 70,000
 - c) 50,000
 - d) 80,000
- 3. Which method is best to multiply a 3-digit number by another 3-digit number?
 - a) Division method
 - b) Column method
 - c) Number line
 - d) Skip counting

B. Fill in the Blanks

- 1. 100 × 365 = _____
- 2. When we multiply 123 × 321, we first multiply 123 by the digit in the ______ place of 321
- 3. 400 × 102 = _____
- 4. The product of 305 × 306 ends in digit _____
- 5. In 134 × 213, we multiply 134 by 3, then by 1 and finally by _____

C. Different Type Questions

- 1. Multiply 213 × 125 using the column method and show all steps
- 2. Estimate the product of 382×104 by rounding both numbers to the nearest ten
- 3. A factory produces 245 chairs a day. How many chairs will it produce in 365 days?

- 4. A farmer plants 112 trees in each field. If he has 123 fields, how many trees did he plant in total?
- 5. Multiply 318×204 using the standard algorithm

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

- 1. 200 × 100 = 2,000
- 2. 321×123 is the same as 123×321
- 3. To multiply a 3-digit number by another 3-digit number, we use the repeated addition method
- 4. Estimation helps us check the reasonableness of an answer
- 5. 400 × 101 = 40,100

E. Miscellaneous Questions

1. A school prints 425 pages in a day. How many pages will it print in 123 days?

- 2. Multiply 142 × 215 using the long multiplication method
- 3. A store packs 128 bottles in a crate. If it has 107 crates, how many bottles are packed?
- 4. Estimate and then find the actual product of 376×206
- Write a word problem involving multiplication of a 3-digit number by another
 3-digit number and solve it