LESSON MAKER PRO

Multiply Mission

Build fluency with two-digit multiplication.

GRADE 4 · MA.4.NSO.2.3

MA.4.NSO.2.3 "Multiply two whole numbers, each up to two digits, including using a standard algorithm with procedural fluency."

NAME _____ DATE _____

LINE UP PARTIAL PRODUCTS

Multiply by the ones digit first. Then multiply by the tens digit, making sure the second partial product starts in the tens place. Add the partial products to find the total.

WORKED EXAMPLE

34 × 12

1. Multiply 34 by 2 ones: 34 × 2 = 68.
2. Multiply 34 by 1 ten: 34 × 10 = 340.
3. Add the partial products: 68 + 340 = 408.

Answer: 408

PRACTICE 6 problems

1 27 × 6 = ___

ANSWER _____

2 43 × 8 = ___

ANSWER _____

3 16 × 25 = ___

ANSWER _____

4 39 × 14 = ___

ANSWER _____

5 62 × 13 = ___

ANSWER _____

6 48 × 21 = ___

ANSWER _____

APPLY IT Show your work

1 A video game tournament has 23 teams. Each team earns 16 points for finishing a challenge. How many points do all the teams earn?

WORK SPACE

ANSWER _____

2 A student puts 24 trading cards on each page of an album. The album has 15 filled pages. How many trading cards are in the album?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Find 96 × 87. Show both partial products.

WORK SPACE AND ANSWER

ANSWER KEY

Multiply Mission

GRADE 4 · MA.4.NSO.2.3

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	27 × 6 = ___	**162**
2	43 × 8 = ___	**344**
3	16 × 25 = ___	**400**
4	39 × 14 = ___	**546**
5	62 × 13 = ___	**806**
6	48 × 21 = ___	**1,008**

PART 2 · APPLY IT

1. **368 points** Multiply 23 × 16. The teams earn 368 points altogether.
2. **360 trading cards** Multiply 24 × 15. The album has 360 trading cards.

CHALLENGE

8,352 (96 × 7 = 672; 96 × 80 = 7,680)

Accept correct standard-algorithm work, partial-products work, or another accurate multiplication method. For the challenge, accept partial products written as 672 and 7,680, then added to 8,352.