4-Digit by 1-Digit Multiplication

Grade 3

Name _____ Date _____

Remember: Work from **right to left**: ones, tens, hundreds, thousands, carrying each time.

Start with the ones. Write the ones digit of each product and carry the tens to the next column.

1. Multiply in columns

Multiply. Regroup when you need to.

1. 7,846 × 6 = _____

2. 8,806 × 5 = _____

3. 3,132 × 2 = _____

4. 1,801 × 9 = _____

5. 7,112 × 7 = _____

6. 6,256 × 4 = _____

7. 9,813 × 7 = _____

8. 4,894 × 4 = _____

9. 9,243 × 8 = _____

10. 9,237 × 5 = _____

11. 7,790 × 9 = _____

12. 8,641 × 3 = _____

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Grade 3

2. More practice

Multiply.

1. 8,758 × 7 =

2. 6,255 × 7 =

3. 8,993 × 5 =

4. 8,468 × 3 =

3. Word problems

Solve. Show your work.

1. **There are 4,514 bags with 8 apples in each. How many apples are there in all?**

2. **There are 7,987 vases with 4 flowers in each. How many flowers are there in all?**

Answer Key

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1. Multiply in columns

1. 7,846 × 6 = **47,076**
2. 8,806 × 5 = **44,030**
3. 3,132 × 2 = **6,264**
4. 1,801 × 9 = **16,209**
5. 7,112 × 7 = **49,784**
6. 6,256 × 4 = **25,024**
7. 9,813 × 7 = **68,691**
8. 4,894 × 4 = **19,576**
9. 9,243 × 8 = **73,944**
10. 9,237 × 5 = **46,185**
11. 7,790 × 9 = **70,110**
12. 8,641 × 3 = **25,923**

2. More practice

1. 8,758 × 7 = **61,306**
2. 6,255 × 7 = **43,785**
3. 8,993 × 5 = **44,965**
4. 8,468 × 3 = **25,404**

3. Word problems

Answers.

1. **There are 4,514 bags with 8 apples in each. How many apples are there in all?**
   4,514 × 8 = 36,112 apples
2. **There are 7,987 vases with 4 flowers in each. How many flowers are there in all?**
   7,987 × 4 = 31,948 flowers