🚀 Advanced Multiplication Challenge 🚀

Grade 2 Math Worksheet - Think Big!

Name: _____

Date: _____

📖 Directions

Work carefully on each challenging problem. Use the drawing space if it helps you think.

✖ Multi-digit Multiplication

Solve these multi-digit problems.

Tip: Multiply one-digit by a two-digit number step by step.
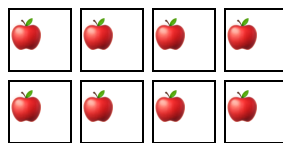
12 × 3 = ☐

15 × 4 = ☐

23 × 2 = ☐

14 × 5 = ☐

16 × 3 = ☐

18 × 2 = ☐

🔢 Bigger Array Challenge

Count all items in the array.

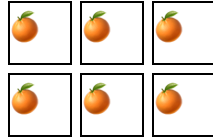*Hint: Count each row and column carefully.*

Count the apples in the array:

🍎 🍎 🍎 🍎
🍎 🍎 🍎 🍎

☐ rows × ☐ columns = ☐ apples

Count the bananas in the array:

🍌 🍌 🍌
🍌 🍌 🍌
🍌 🍌 🍌

	rows ×		columns =		bananas

Count the oranges in the array:

🍊 🍊 🍊
🍊 🍊 🍊

	rows ×		columns =		oranges

📚 Advanced Word Problems

Solve these challenging real-world problems.

Advice: Read and draw a diagram to help solve the problem.

A toy store has 14 boxes of puzzles. Each box contains 6 puzzles. How many puzzles are there in total?

Drawing space:

Answer: [ ] puzzles

Lucy read 21 pages each day for 5 days. How many pages did she read overall?

Drawing space:

Answer: [ ] pages

A library has 7 shelves with 15 books each. How many books are there in total?

Drawing space:

Answer: [ ] books

A classroom has 5 tables with 4 chairs each. How many chairs are there?

Drawing space:

Answer: ____ chairs

A gardener planted 8 rows of flowers with 3 flowers per row. How many flowers in total?

Drawing space:

Answer: ____ flowers

Mark has 10 packs of pencils with 2 pencils each. How many pencils does he have?

Drawing space:

Answer: ____ pencils

📝 Answer Key

Multi-digit Multiplication:

- 12 × 3 = 36
- 15 × 4 = 60
- 23 × 2 = 46
- 14 × 5 = 70
- 16 × 3 = 48
- 18 × 2 = 36

Advanced Arrays:

- Apples: 2 rows × 4 columns = 8
- Bananas: 3 rows × 3 columns = 9
- Oranges: 2 rows × 3 columns = 6

Advanced Word Problems:

- Toy store: 14 boxes × 6 puzzles = 84 puzzles
- Lucy: 21 pages × 5 days = 105 pages
- Library: 7 shelves × 15 books = 105 books
- Classroom: 5 tables × 4 chairs = 20 chairs
- Gardener: 8 rows × 3 flowers = 24 flowers
- Mark: 10 packs × 2 pencils = 20 pencils

🏆 Outstanding Effort! 🏆

Shade a star for every section you complete:

★ ★ ★ ★ ★

You're becoming a multiplication expert!

Keep practicing and reach for the stars!