Muffins in Rows

MathApex

Name: _____ Date: _____

Watch video

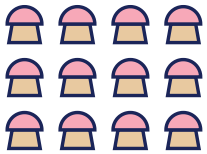
From the video 3 trays with 4 muffins each → **3 × 4 = 12**

1 Now it's your turn!

How many muffins are on the tray?

4 in each row

3 |



3 trays with 4 muffins each: 3 rows, 4 in every row.

☐ × ☐ = ☐

2 Rows and columns.

How many rows? How many in each row? Calculate.

5 in each row

2 |



☐ × ☐ = ☐

7 in each row

2 |



☐ × ☐ = ☐

3 The 4 times table.

1 × 4 = ☐	2 × 4 = ☐
3 × 4 = ☐	4 × 4 = ☐
5 × 4 = ☐	6 × 4 = ☐
7 × 4 = ☐	8 × 4 = ☐
9 × 4 = ☐	10 × 4 = ☐

4 Swap and word problem.

3 × 5 = ☐	5 × 3 = ☐
6 × 2 = ☐	2 × 6 = ☐

3 trays with 7 muffins each. How many muffins are there altogether?

☐ × ☐ = ☐

5 Think backwards.

Which number is missing?

☐ × 8 = 16

☐ × 2 = 10

16 muffins shared equally among 2 trays. How many does each get?

16 ÷ 2 = ☐

★ Brain teaser

2 trays with 6 muffins each. Then just as many are added again. How many muffins are there now?

6 Draw 4 × 5 as rows and calculate.

4 rows, 5 dots in every row. Shade them in.

4 × 5 = ☐

MathApex

MATH STORY 16 · ANSWERS

Muffins in Rows

Watch video

1 Now it's your turn!

3 × 4 = 12

3 rows with 4 muffins each.

2 Rows and columns.

2 × 5 = 10
2 × 7 = 14

3 The 4 times table.

1 × 4 = 4	2 × 4 = 8
3 × 4 = 12	4 × 4 = 16
5 × 4 = 20	6 × 4 = 24
7 × 4 = 28	8 × 4 = 32
9 × 4 = 36	10 × 4 = 40

4 Swap and word problem.

3 × 5 = 15 and 5 × 3 = 15
6 × 2 = 12 and 2 × 6 = 12
3 × 7 = 21

5 Think backwards.

2 × 8 = 16
5 × 2 = 10
16 ÷ 2 = 8

★ Brain teaser

2 × 6 = 12, then 12 + 12 = 24

6 Draw the problem.

4 × 5 = 20

For parents and teachers: This worksheet goes with the video "Muffins in Rows" (Math Story 16, Grades 2–3). Multiplication as rows and columns: first count the rows, then the number in one row. The swapped problem shows that the order does not matter.

More Math Stories with video and worksheet: **www.mathapex.app/en/math-stories/**