Multiplying: Equal Rows

MathApex

Name: _____ Date: _____

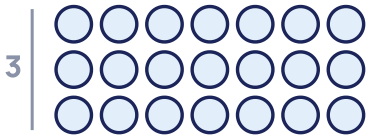
Watch video

From the video 4 rows of 5: 5 + 5 + 5 + 5 = 20 → **4 × 5 = 20**

1 Now it's your turn!

What is 3 times 7?

7 in each row

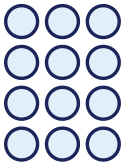


3 rows with 7 dots each: 7 + 7 + 7.

3 × 7 = ☐

2 Plus and times.

Write an addition and a multiplication.



3 + 3 + 3 + 3 = ☐ **☐ × ☐ = ☐**



5 + 5 + 5 = ☐

☐ × ☐ = ☐

3 The 3 times table.

1 × 3 = ☐ **2 × 3 = ☐**

3 × 3 = ☐ **4 × 3 = ☐**

5 × 3 = ☐ **6 × 3 = ☐**

7 × 3 = ☐ **8 × 3 = ☐**

9 × 3 = ☐ **10 × 3 = ☐**

4 From plus to times.

Write as a multiplication and calculate.

8 + 8 + 8 = ☐ **☐ × ☐ = ☐**

3 + 3 + 3 + 3 + 3 = ☐ **☐ × ☐ = ☐**

6 children have 3 pencils each. How many pencils are there altogether?

☐ × ☐ = ☐

5 Think backwards.

Which number is missing?

☐ × 3 = 24

☐ × 3 = 12

24 ÷ 3 = ☐

Brain teaser

A cinema has 6 rows with 8 seats each. 5 seats are still empty. How many children are already sitting there?

_____

_____

6 Draw 3 × 6 as rows and calculate.

3 rows, 6 dots in every row. Shade them in.

3 × 6 = ☐

MathApex

MATH STORY 101 · ANSWERS

Multiplying: Equal Rows

Watch video

1 Now it's your turn!

3 × 7 = 21

7 + 7 + 7 = 21

2 Plus and times.

3 + 3 + 3 + 3 = 12, 4 × 3 = 12

5 + 5 + 5 = 15, 3 × 5 = 15

3 The 3 times table.

1 × 3 = 3	2 × 3 = 6
3 × 3 = 9	4 × 3 = 12
5 × 3 = 15	6 × 3 = 18
7 × 3 = 21	8 × 3 = 24
9 × 3 = 27	10 × 3 = 30

4 From plus to times.

3 × 8 = 24

5 × 3 = 15

6 × 3 = 18

5 Think backwards.

8 × 3 = 24

4 × 3 = 12

24 ÷ 3 = 8

★ Brain teaser

6 × 8 = 48, 48 − 5 = **43** children.

6 Draw the problem.

3 × 6 = 18

For parents and teachers: This worksheet goes with the video "Multiplying: Equal Rows" (Math Story 101, Grade 3). Equal rows: multiplication is the short way to add the same number again and again. 4 rows of 5 are 5 + 5 + 5 + 5 = 4 × 5.

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