



Watch video

MathApex

Name: _____

Date: _____

From the video 3 rows of 8 = 8 rows of 3 → $3 \times 8 = 8 \times 3 = 24$ **1 Now it's your turn!**

What is 9 times 2?

Swap the numbers: 2×9 is easier.

$2 \times 9 = \square$

$9 \times 2 = \square$

3 The 6 times table.

$1 \times 6 = \square$

$2 \times 6 = \square$

$3 \times 6 = \square$

$4 \times 6 = \square$

$5 \times 6 = \square$

$6 \times 6 = \square$

$7 \times 6 = \square$

$8 \times 6 = \square$

$9 \times 6 = \square$

$10 \times 6 = \square$

5 Think backwards.

Which number is missing?

$\square \times 6 = 42$

$\square \times 6 = 18$

$42 \div 6 = \square$

6 Draw 5×6 as rows and calculate.

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

$5 \times 6 = \square$

2 One picture, two problems.

Write two multiplications for each picture.

$\square \times \square = \square$

$\square \times \square = \square$

$\square \times \square = \square$

$\square \times \square = \square$

4 Swap the numbers.

$6 \times 7 = \square$

$7 \times 6 = \square$

$6 \times 3 = \square$

$3 \times 6 = \square$

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

$\square \times \square = \square$

★ Brain teaserWhich numbers are missing? $7 \times 3 = 3 \times ?$ and $5 \times ? = 9 \times 5$ _____



Swap the Numbers

**1** Now it's your turn!

$$9 \times 2 = 18$$

$$2 \times 9 = 18$$

2 One picture, two problems.

$$2 \times 5 = 10 \text{ and } 5 \times 2 = 10$$

$$2 \times 7 = 14 \text{ and } 7 \times 2 = 14$$

3 The 6 times table.

$$1 \times 6 = 6 \quad 2 \times 6 = 12$$

$$3 \times 6 = 18 \quad 4 \times 6 = 24$$

$$5 \times 6 = 30 \quad 6 \times 6 = 36$$

$$7 \times 6 = 42 \quad 8 \times 6 = 48$$

$$9 \times 6 = 54 \quad 10 \times 6 = 60$$

4 Swap the numbers.

$$6 \times 7 = 42 \text{ and } 7 \times 6 = 42$$

$$6 \times 3 = 18 \text{ and } 3 \times 6 = 18$$

$$7 \times 6 = 42$$

5 Think backwards.

$$7 \times 6 = 42$$

$$3 \times 6 = 18$$

$$42 \div 6 = 7$$

★ Brain teaser

$$7 \times 3 = 3 \times 7 \text{ and } 5 \times 9 = 9 \times 5$$

6 Draw the problem.

$$5 \times 6 = 30$$

For parents and teachers: This worksheet goes with the video "Swap the Numbers" (Math Story 100, Grade 3). Swapping: when you multiply, you may swap the numbers and the result stays the same. The turned dot array shows why, so you can always work out the easier problem.

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