



Multiplying: Equal Rows



Watch video

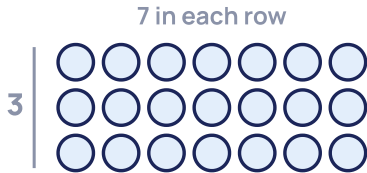
MathApex

Name: _____

Date: _____

From the video 4 rows of 5: $5 + 5 + 5 + 5 = 20 \rightarrow 4 \times 5 = 20$ **1 Now it's your turn!**

What is 3 times 7?

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

$3 \times 7 = \boxed{}$

3 The 3 times table.

$1 \times 3 = \boxed{}$

$2 \times 3 = \boxed{}$

$3 \times 3 = \boxed{}$

$4 \times 3 = \boxed{}$

$5 \times 3 = \boxed{}$

$6 \times 3 = \boxed{}$

$7 \times 3 = \boxed{}$

$8 \times 3 = \boxed{}$

$9 \times 3 = \boxed{}$

$10 \times 3 = \boxed{}$

5 Think backwards.

Which number is missing?

$\boxed{} \times 3 = 24$

$\boxed{} \times 3 = 12$

$24 \div 3 = \boxed{}$

6 Draw 3×6 as rows and calculate.

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

$3 \times 6 = \boxed{}$

2 Plus and times.

Write an addition and a multiplication.

$3 + 3 + 3 + 3 = \boxed{} \quad \boxed{} \times \boxed{} = \boxed{}$

$5 + 5 + 5 = \boxed{} \quad \boxed{} \times \boxed{} = \boxed{}$

4 From plus to times.

Write as a multiplication and calculate.

$8 + 8 + 8 = \boxed{} \quad \boxed{} \times \boxed{} = \boxed{}$

$3 + 3 + 3 + 3 + 3 = \boxed{} \quad \boxed{} \times \boxed{} = \boxed{}$

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

$\boxed{} \times \boxed{} = \boxed{}$

★ Brain teaser

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



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1 Now it's your turn!

$$3 \times 7 = 21$$

$$7 + 7 + 7 = 21$$

2 Plus and times.

$$3 + 3 + 3 + 3 = 12, 4 \times 3 = 12$$

$$5 + 5 + 5 = 15, 3 \times 5 = 15$$

3 The 3 times table.

$$1 \times 3 = 3 \quad 2 \times 3 = 6$$

$$3 \times 3 = 9 \quad 4 \times 3 = 12$$

$$5 \times 3 = 15 \quad 6 \times 3 = 18$$

$$7 \times 3 = 21 \quad 8 \times 3 = 24$$

$$9 \times 3 = 27 \quad 10 \times 3 = 30$$

4 From plus to times.

$$3 \times 8 = 24$$

$$5 \times 3 = 15$$

$$6 \times 3 = 18$$

5 Think backwards.

$$8 \times 3 = 24$$

$$4 \times 3 = 12$$

$$24 \div 3 = 8$$

★ Brain teaser

$$6 \times 8 = 48, 48 - 5 = 43 \text{ children.}$$

6 Draw the problem.

$$3 \times 6 = 18$$

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 $5 + 5 + 5 + 5 = 4 \times 5$.

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