Fast Facts to 100

Use multiplication to divide in a flash!



Created with LessonDino.com · AI lesson planner with checkable sources

Today we will...

WE ARE LEARNING TO

Use groups and arrays to multiply within 100

Use multiplication facts to find division facts

Recall products of two one-digit numbers

SUCCESS LOOKS LIKE

- ✔ I can name factors and product correctly
- ✔ I can show 8 x 5 = 40 means 40 ÷ 5 = 8



Created with LessonDino.com · AI lesson planner with checkable sources

Words that help us

🔢

Factors

Factors are the numbers we multiply.

⭐

Product

Product is the answer after multiplying.

🔷

Array

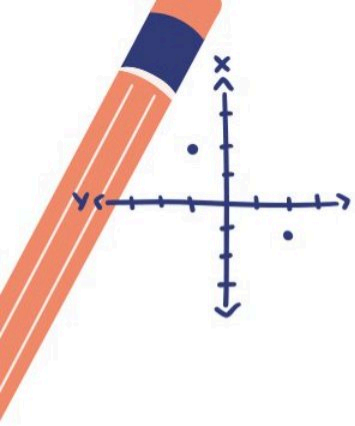
An array is neat rows of dots.

🎒

Equal groups

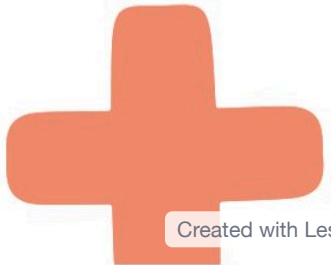
Sets that each have the same number of things.

Created with LessonDino.com · AI lesson planner with checkable sources



From bags to division

4 bags with 3 marbles each → Add again and again: 3 + 3 + 3 + 3 → Multiply fast: 4 x 3 = 12 → Divide back: 12 ÷ 4 = 3



Created with LessonDino.com · AI lesson planner with checkable sources

Fact family power!



▶ 0:00 – 4:03

- Watch how 8 x 5 = 40 is built
- Listen for 40 ÷ 5 = 8 to match

Created with LessonDino.com · AI lesson planner with checkable sources

Smart ways to remember

🔁

Flip it

4 x 6 gives the same as 6 x 4.

👀

Double 2s

Know 2 x 7? Double it for 4 x 7.

💡

Double 3s

Know 3 x 5? Double it for 6 x 5.

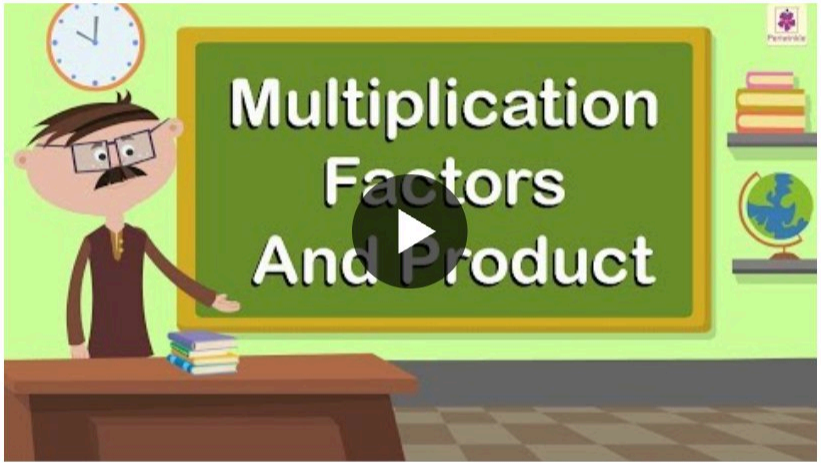
🧩

Break apart

15 x 8 is 10 x 8 plus 5 x 8.

Created with LessonDino.com · AI lesson planner with checkable sources

Factors make products



▶ 0:00 – 3:12

- Hear what factors and product mean
- Say each example answer with the video

Created with LessonDino.com · AI lesson planner with checkable sources

Your task

In pairs, build arrays with counters and race to say fact families.

1. Make an array, like 6 rows of 7 counters.
2. Write its multiply fact and matching divide facts.
3. Mix up and quiz your partner fast.

15 min

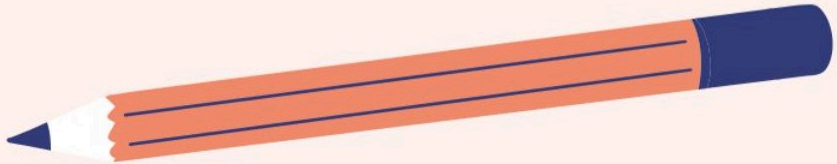
In pairs



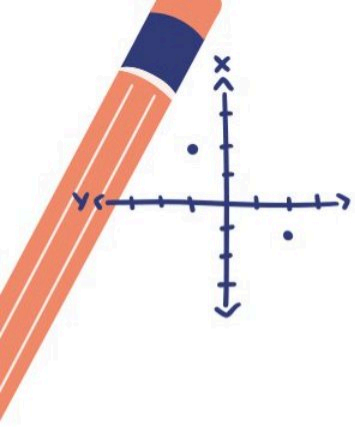
Created with LessonDino.com · AI lesson planner with checkable sources

Find the missing number

1. Spot the known fact, like 5 x 8 = 40
2. Draw quick dots or skip-count if stuck
3. Write the matching division fact
4. Say all three numbers from memory



Created with LessonDino.com · AI lesson planner with checkable sources



Think, pair, share

6 boxes, 9 cupcakes in each box. How many in all? What 2 division facts prove it?

Created with LessonDino.com · AI lesson planner with checkable sources

True or false?

8 x 5 = 40, so 40 ÷ 5 = 8.

You can flip order: 3 x 7 = 7 x 3.

6 x 7 = 42, so 42 ÷ 6 = 8.

We only need facts to 5 x 5.



Created with LessonDino.com · AI lesson planner with checkable sources