Quick 3s, 4s and 8s

Recall and use multiplication and division facts



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Today we will...



WE ARE LEARNING TO

- Recall 3, 4 and 8 multiplication facts
- Link 4s and 8s by doubling
- Use multiplication to solve division

SUCCESS LOOKS LIKE

- ✔ I can say 3, 4, 8 facts quickly
- ✔ I can double 4s to find 8s
- ✔ I can explain division using multiplication

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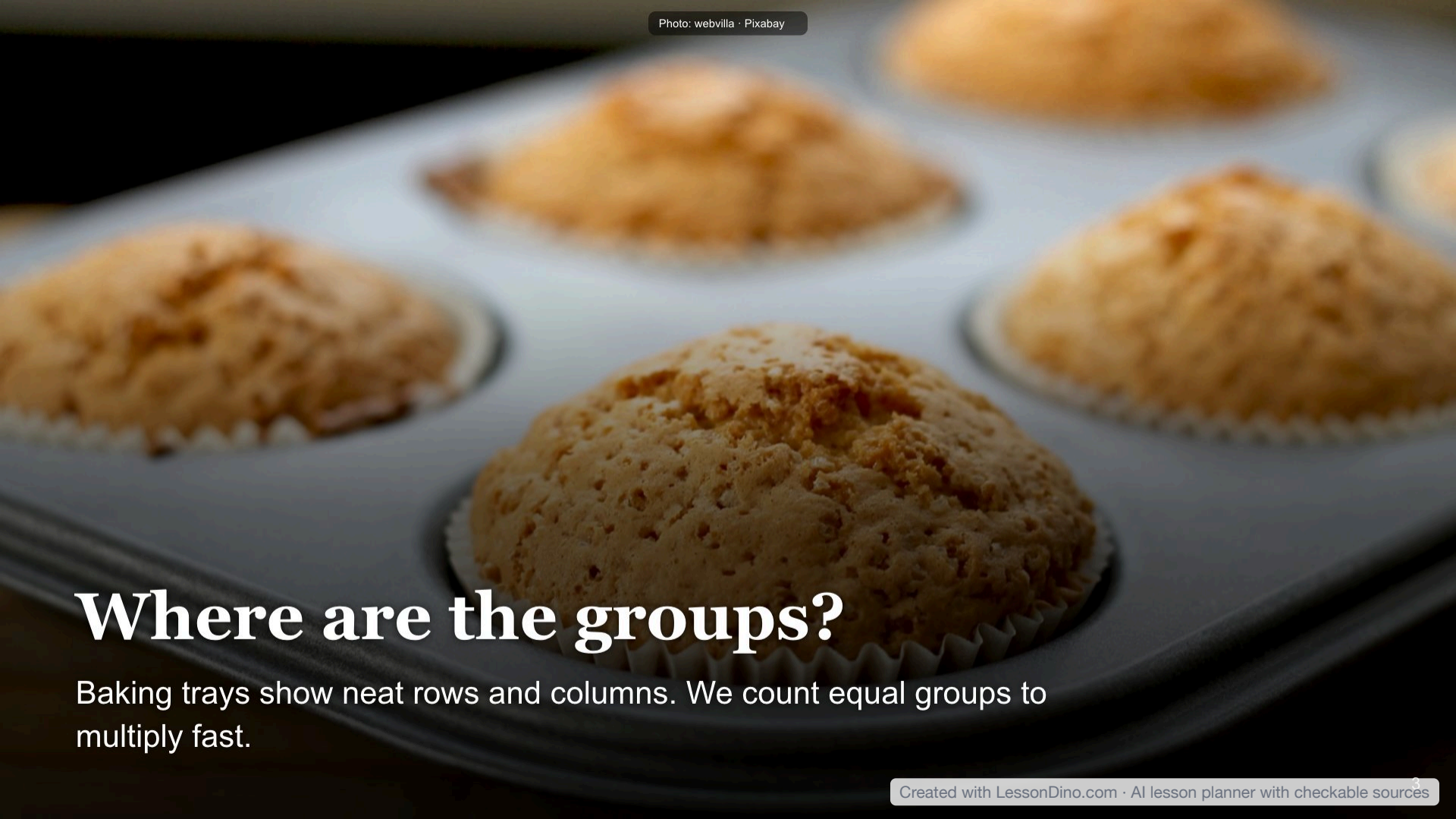
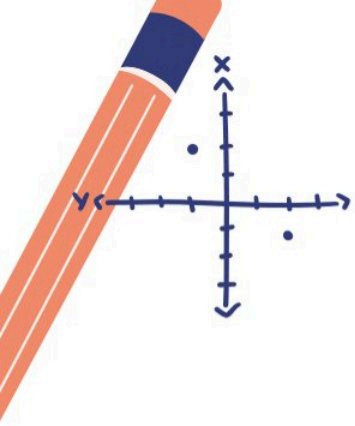


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Where are the groups?

Baking trays show neat rows and columns. We count equal groups to multiply fast.

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4s and 8s are linked

4 times table

- Count in 4s: 4, 8, 12, 16, 20
- Each jump adds 4 more
- Example: 4 x 6 = 24

8 times table

- Count in 8s: 8, 16, 24, 32, 40
- Each jump adds 8 more
- Double 4s: 8 x 6 is double 24

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Which feels easiest?

Which table feels easiest to remember right now?

- **A** 3 times table
- **B** 4 times table
- **C** 8 times table



Vote with your hands, then explain why.

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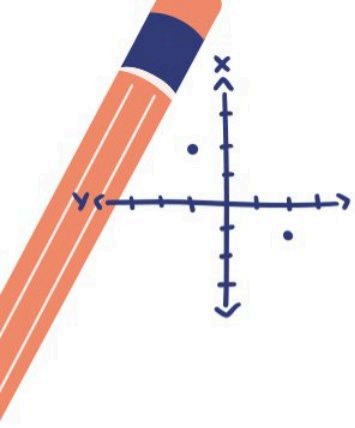
Sing the 8s



▶ 0:00 – 2:05

- Listen for each 8 times fact
- Clap softly on each answer
- Notice which fact feels hard

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How we remember

- skip-count in 3s, 4s, 8s
- double 4s to make 8s
- use x to answer division

3, 4, 8 facts

- arrays: rows and columns
- swap order: 3 x 4 = 4 x 3

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Say the 3s



▶ 0:00 — 1:36

- Repeat each 3 times fact aloud
- Keep a steady beat together
- Whisper answers, then say them loudly

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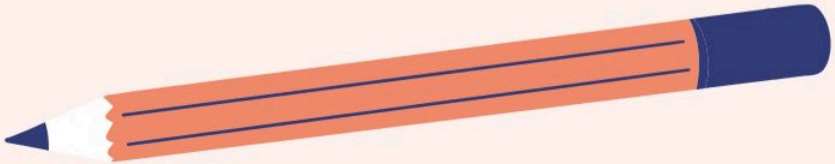
Your task

Take turns to give and solve 3, 4 and 8 facts.

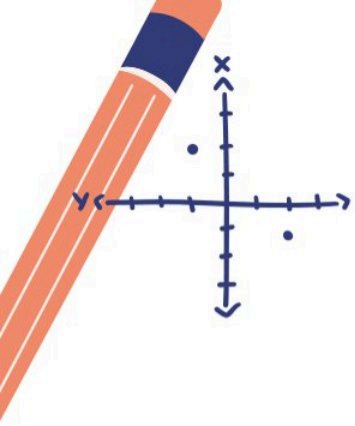
1. Partner A says a 3, 4 or 8 fact
2. Partner B answers, then shows doubling or array
3. Swap roles and try a division fact

12 min

In pairs



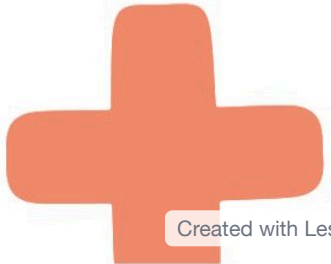
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DID YOU KNOW?

6 x 8 is the trickiest fact to remember.

Doubling helps: 4 x 6 = 24, so 8 x 6 = 48.



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Think, pair, share

If 8 x 4 = 32, what is 32 ÷ 8? How do you know?





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Exit ticket

1

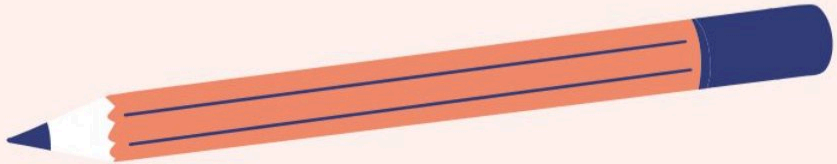
One 3, 4 or 8 fact I remember...

2

One division fact I can explain...

3

One question I still have...



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