Left-Luggage Short Division

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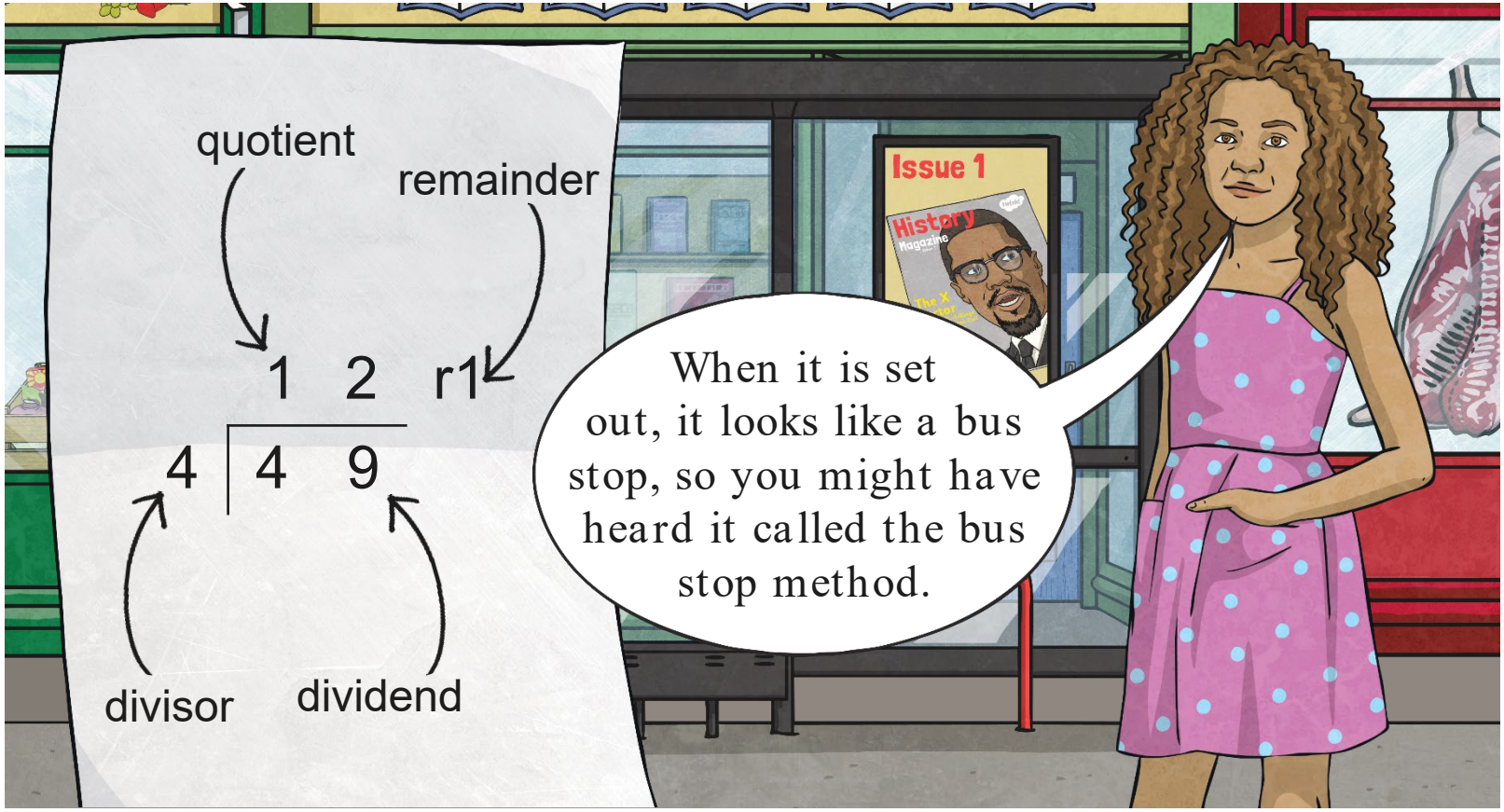
Quality Standard
Approved

What Is Short Division?

Short division is a formal written method for division.



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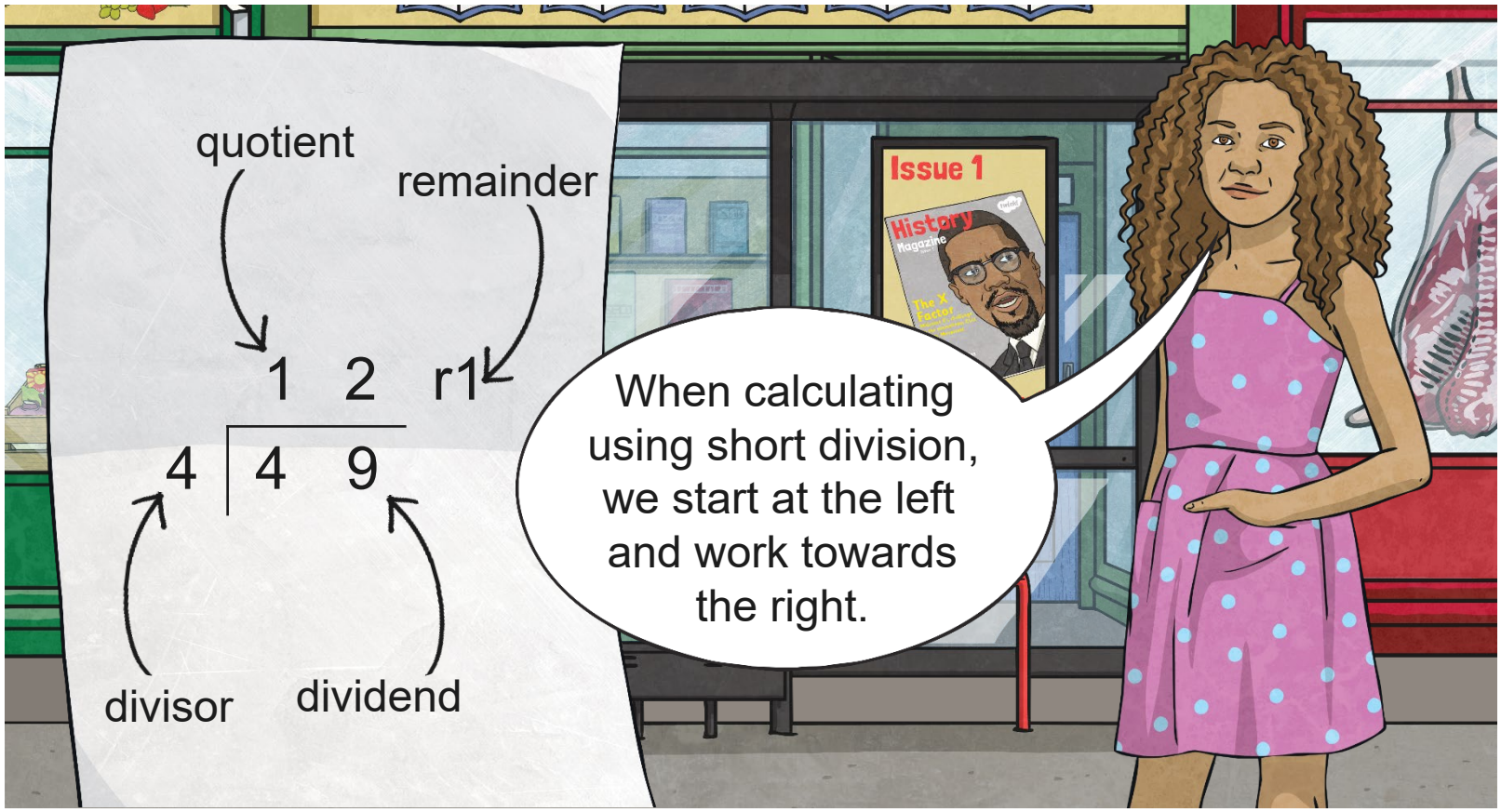

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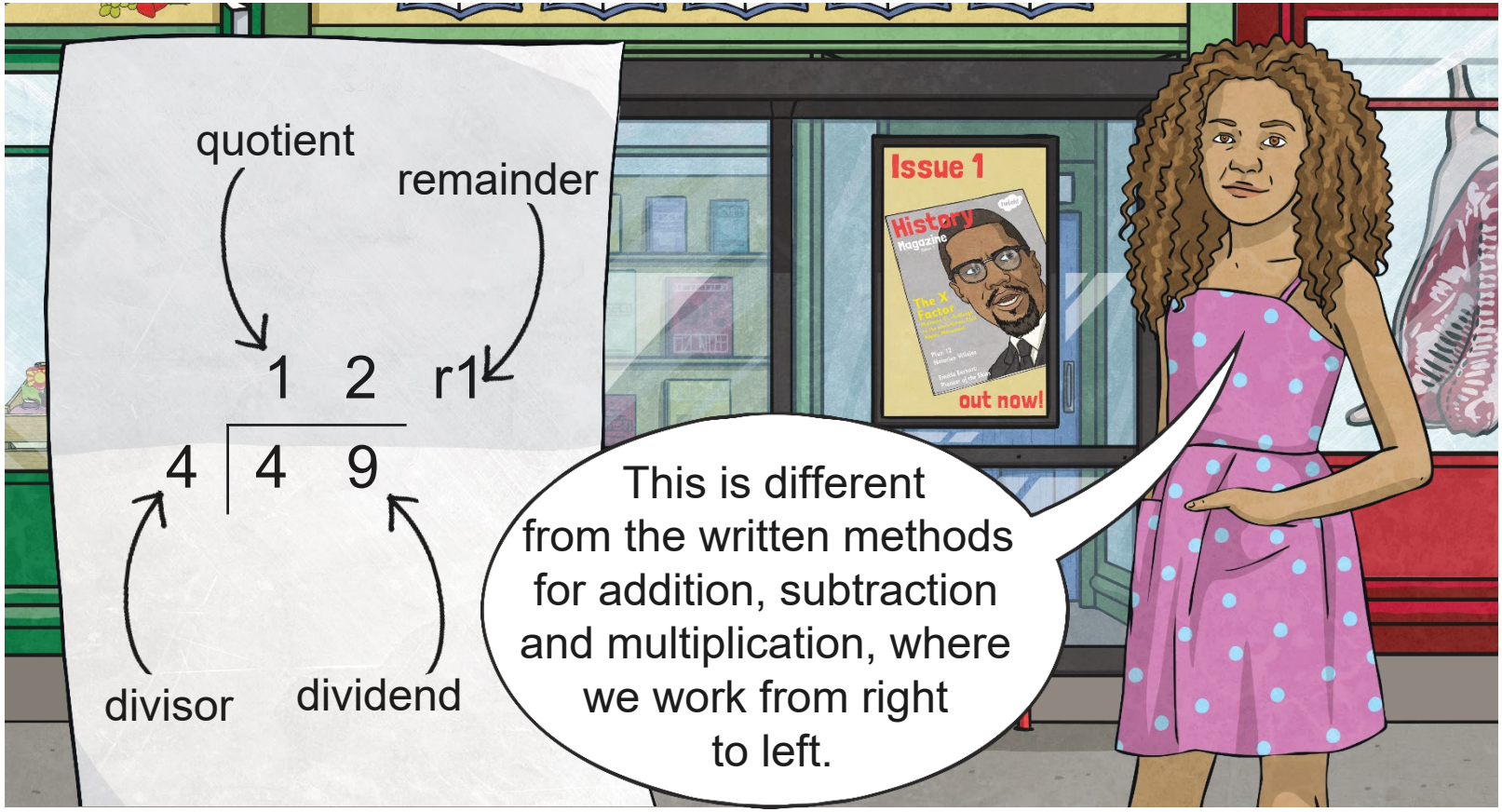

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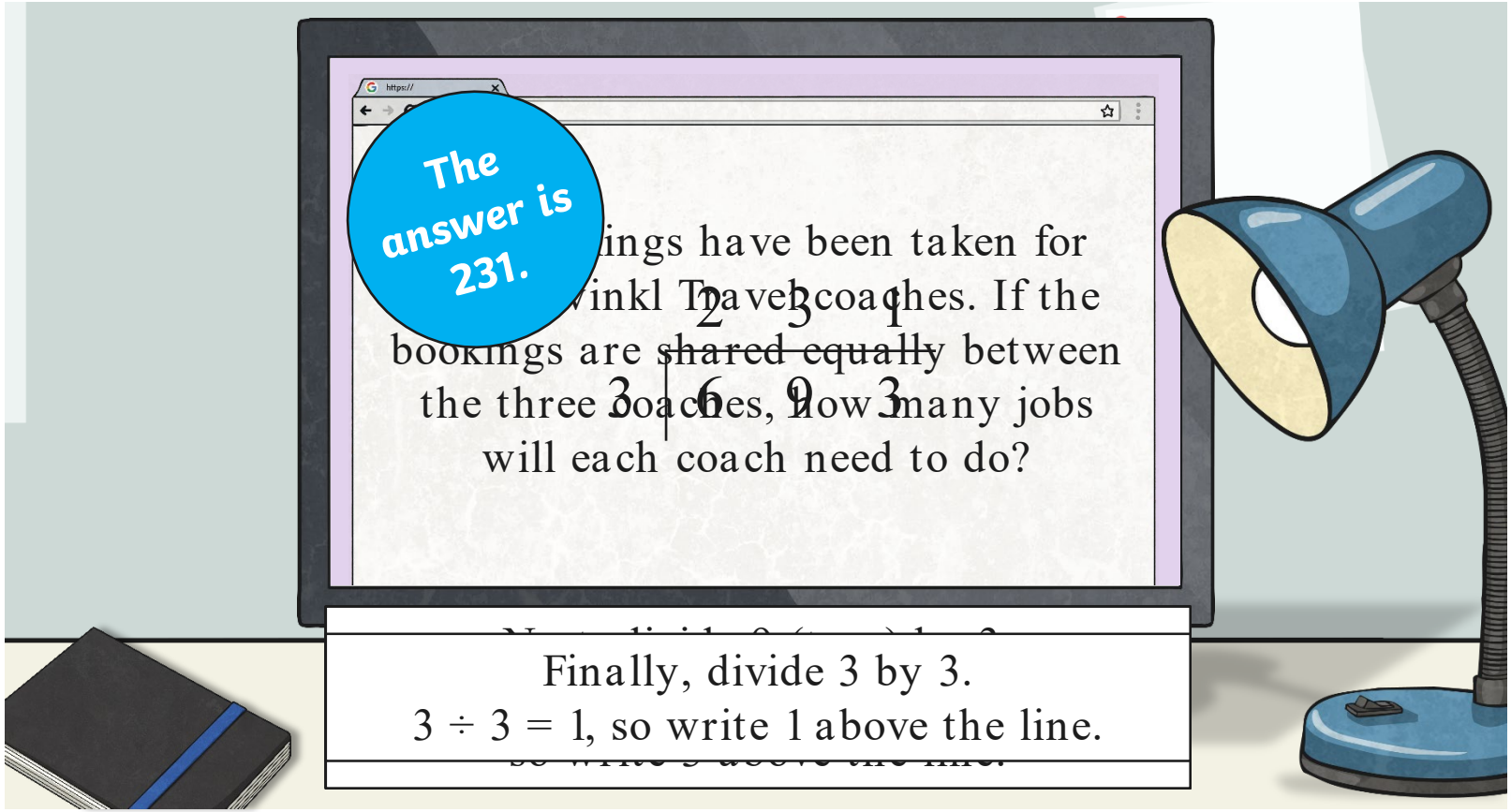
Bookings

Let's work through an example together:



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Bookings

Whole Class

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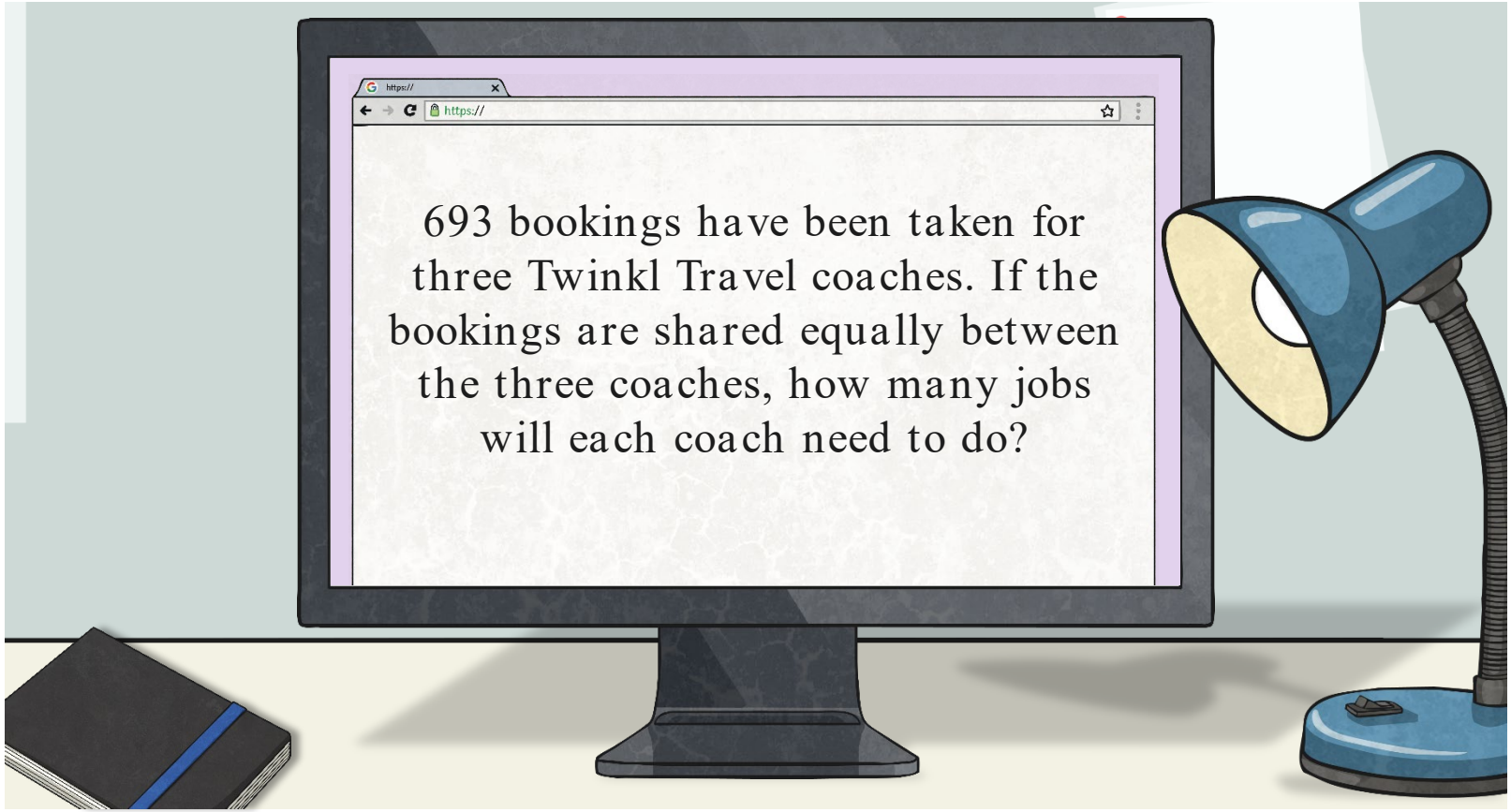

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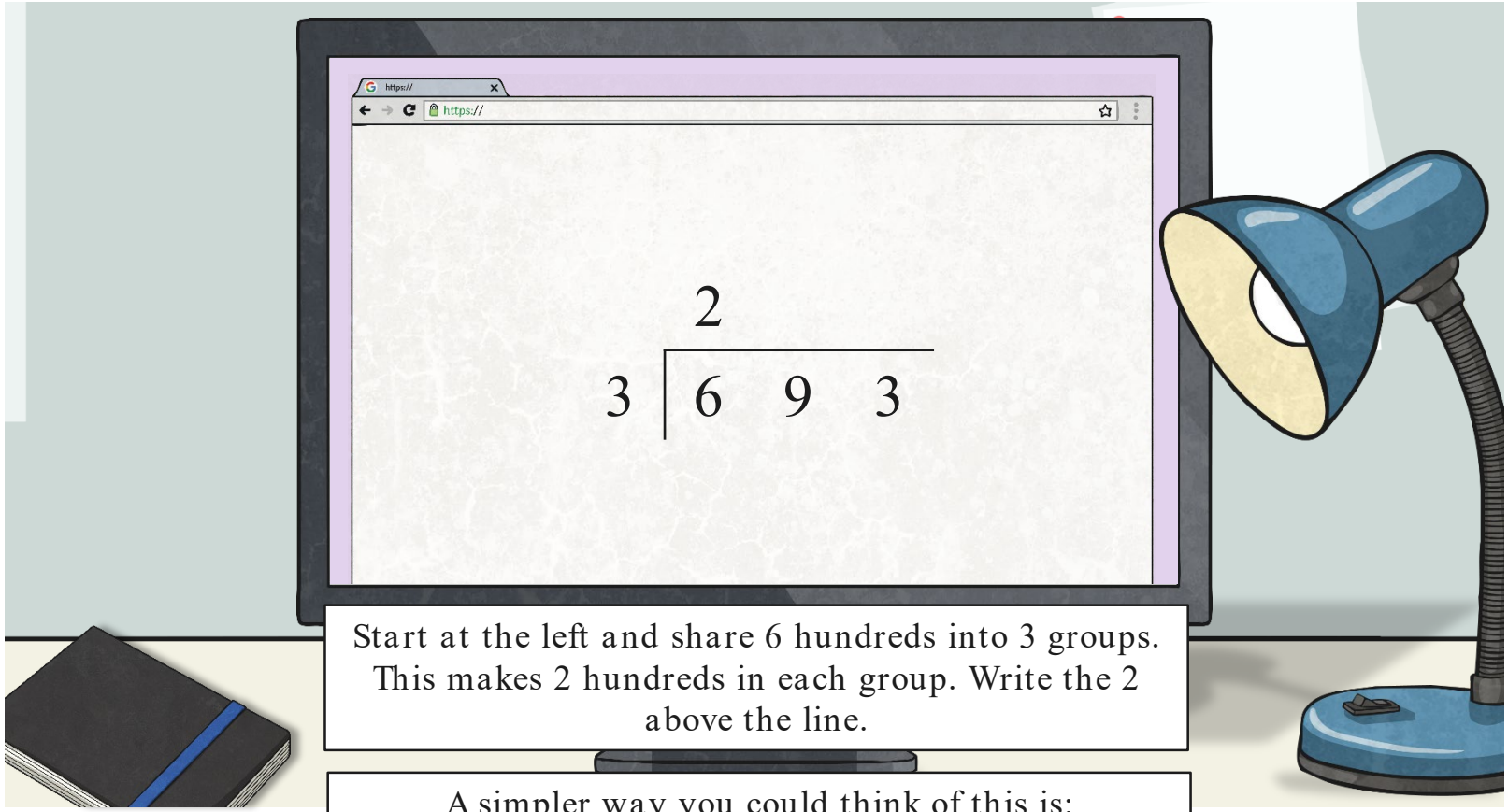

Start at the left and share 6 hundreds into 3 groups. This makes 2 hundreds in each group. Write the 2 above the line.

A simpler way you could think of this is:
6 (hundreds) ÷ 3 = 2 (hundreds),
so write 2 above the line.

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Bookings

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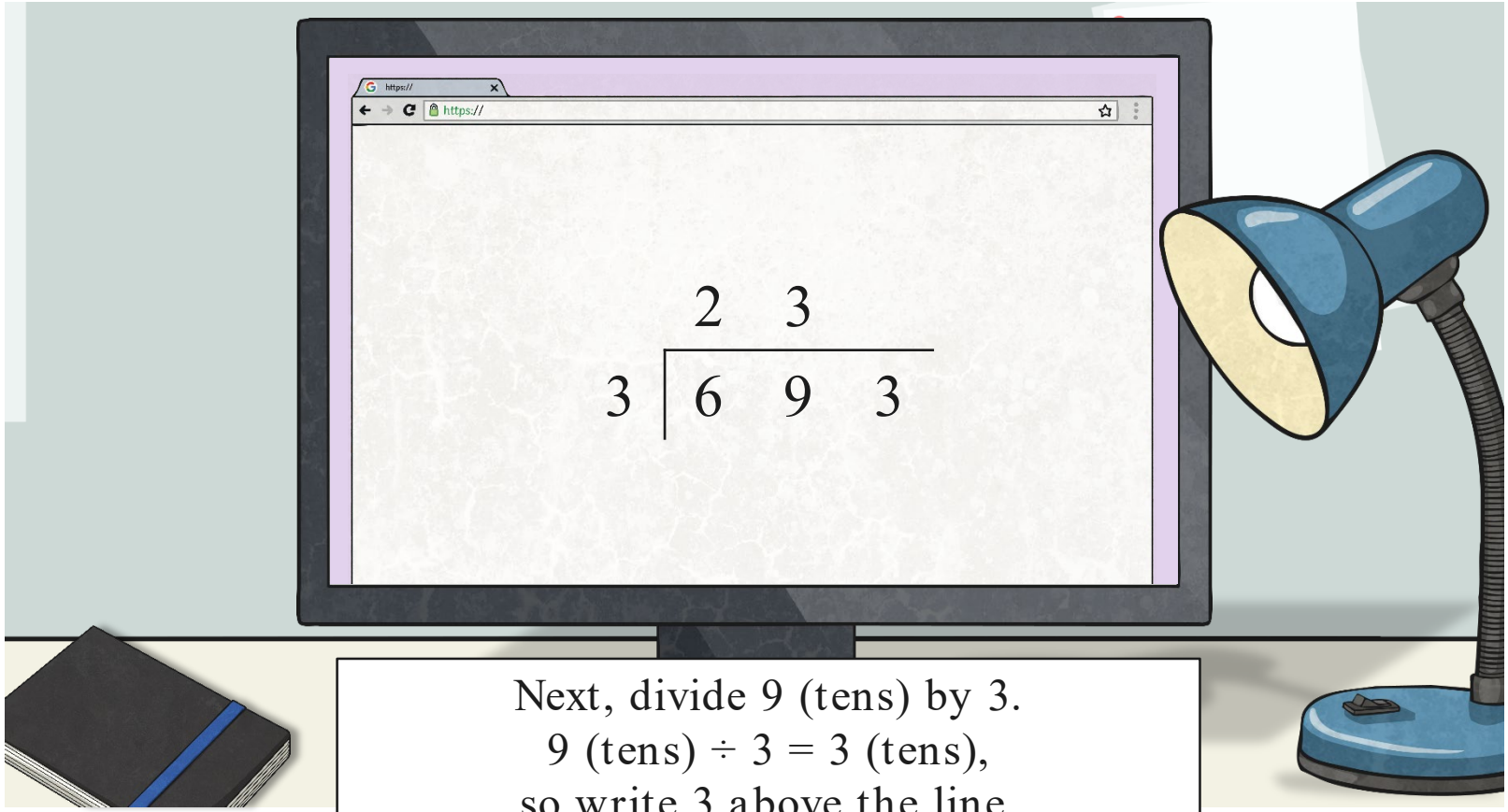

Next, divide 9 (tens) by 3.
9 (tens) ÷ 3 = 3 (tens),
so write 3 above the line.

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Bookings

Whole Class

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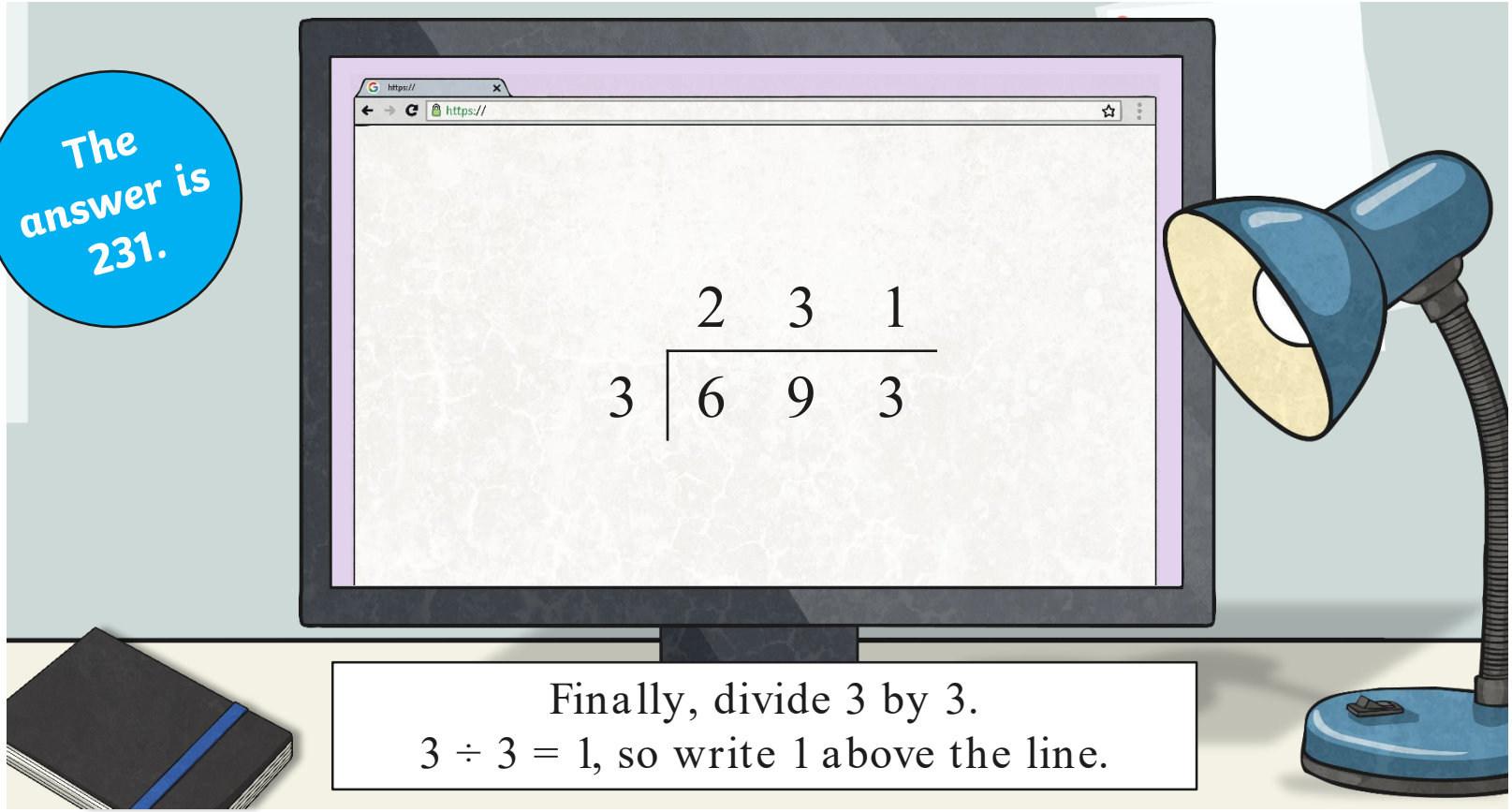

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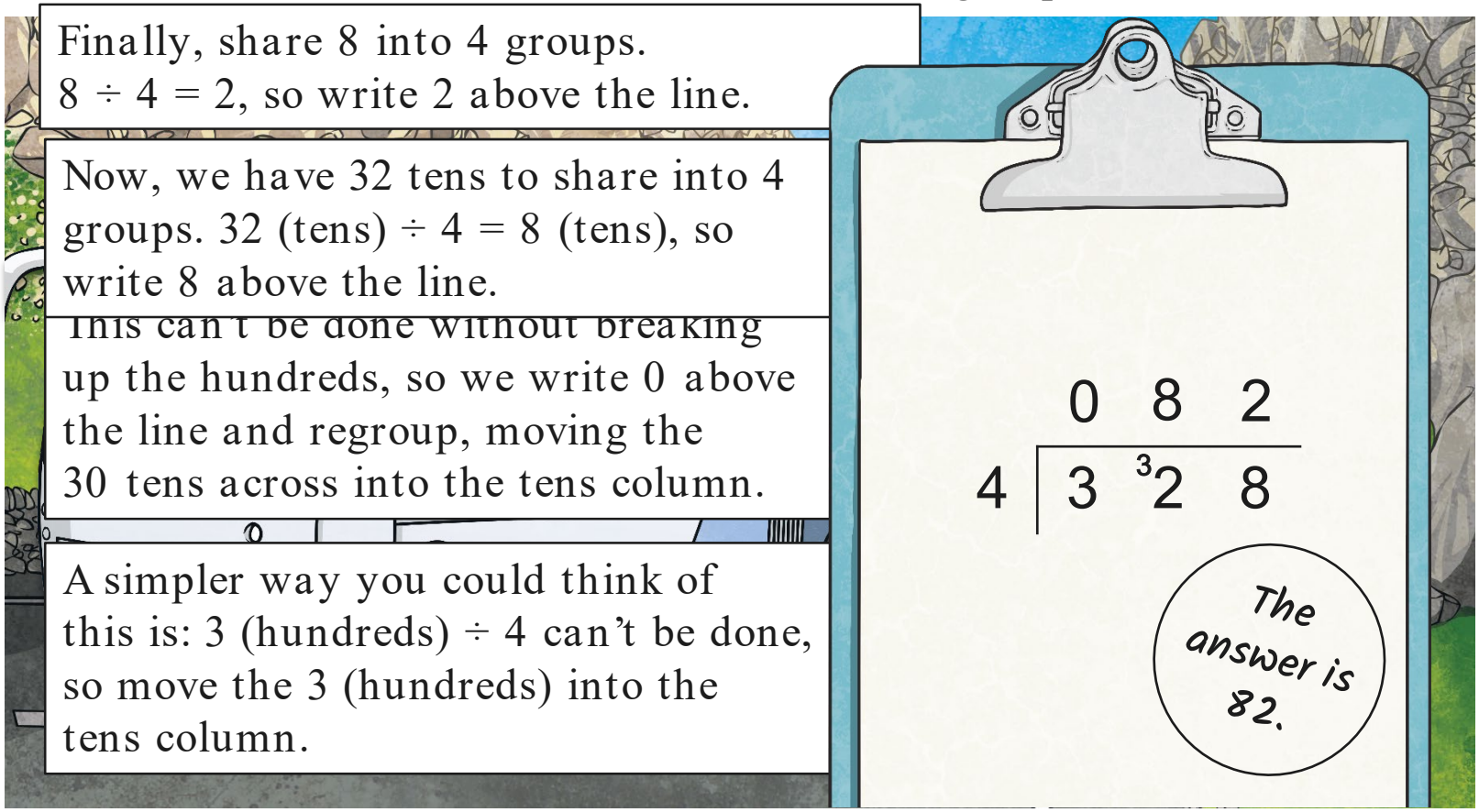
Regroup

Let's work through an example of the short written method where we need to regroup:



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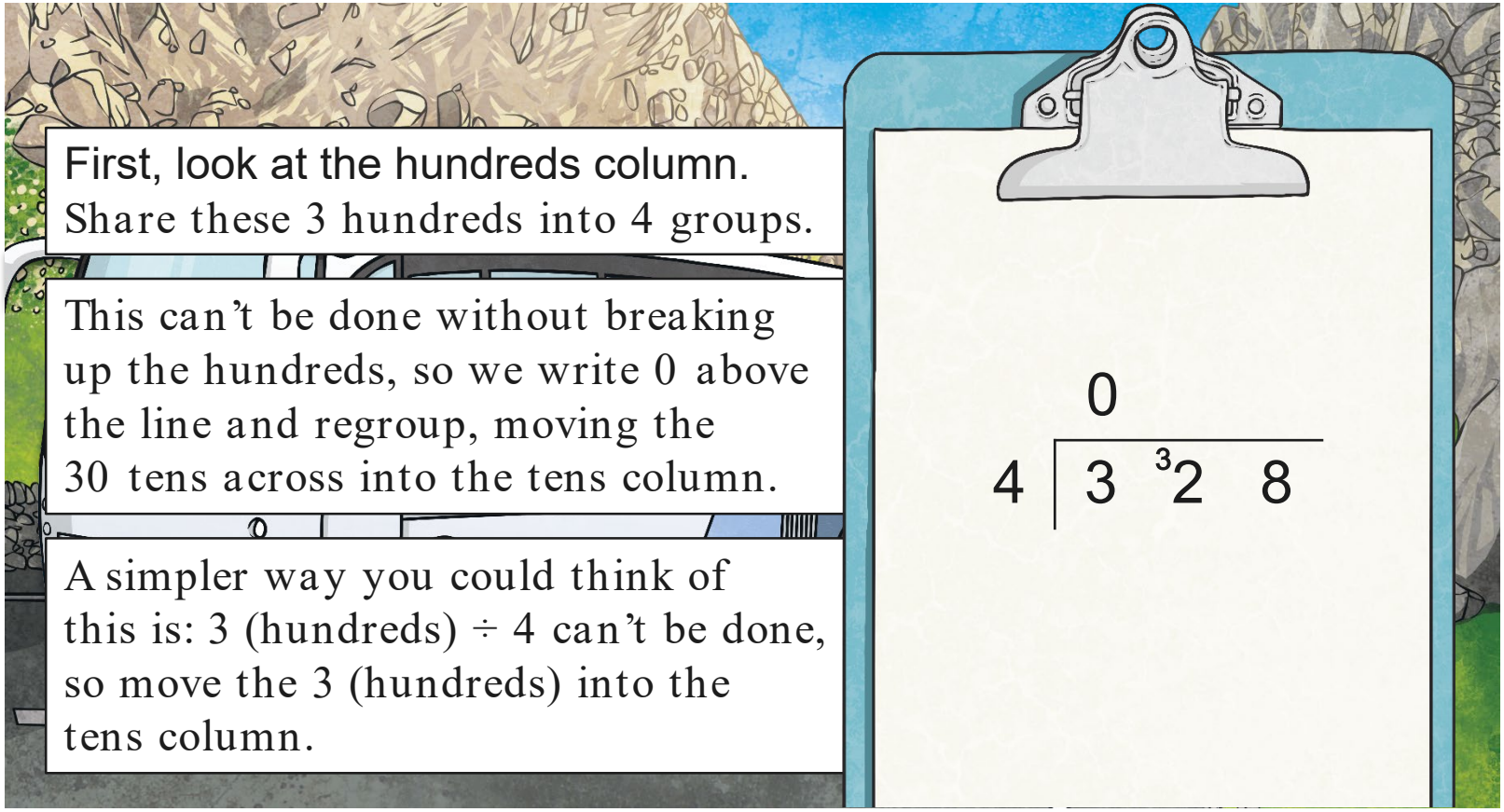

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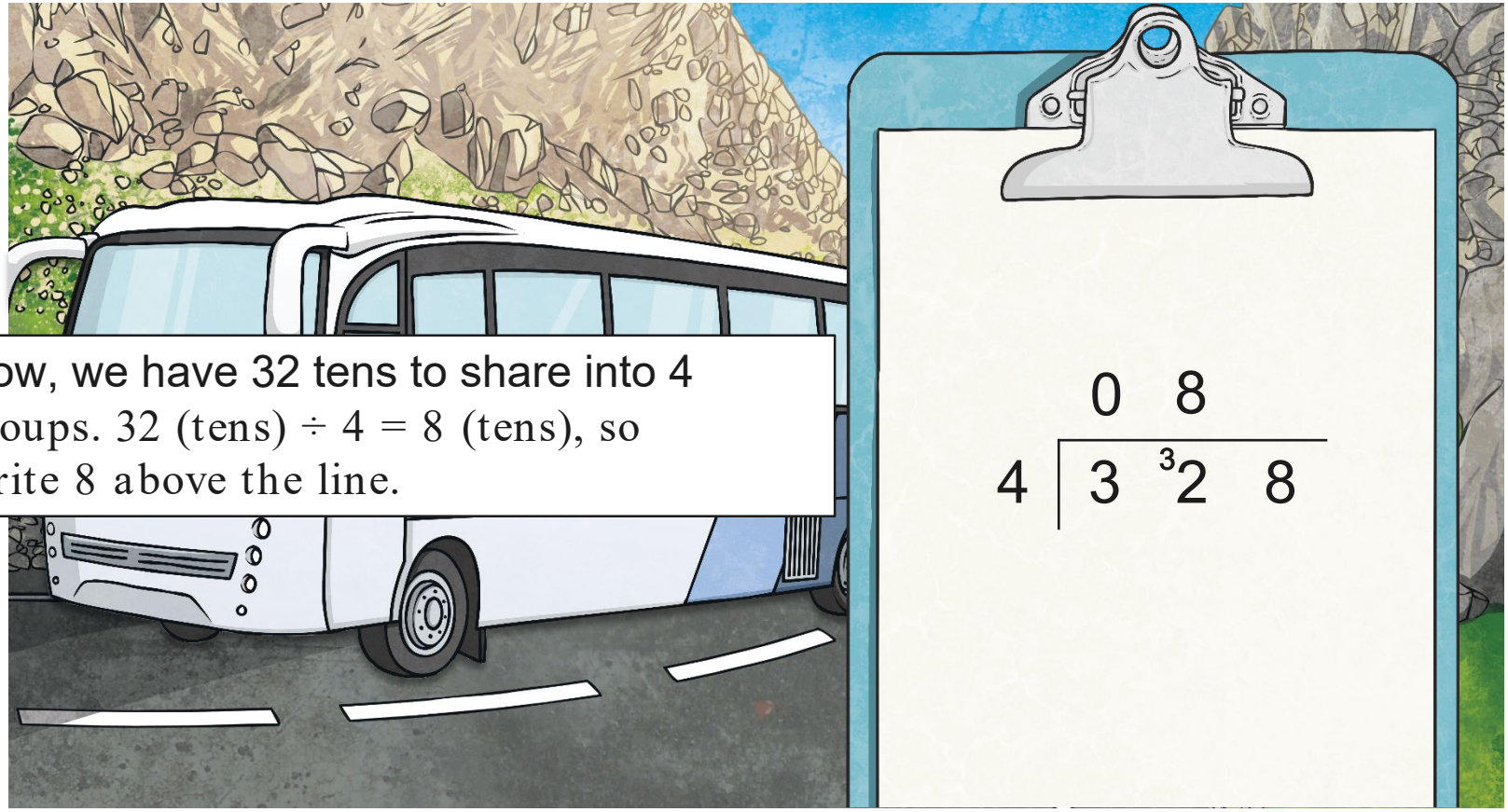

Now, we have 32 tens to share into 4 groups. 32 (tens) ÷ 4 = 8 (tens), so write 8 above the line.

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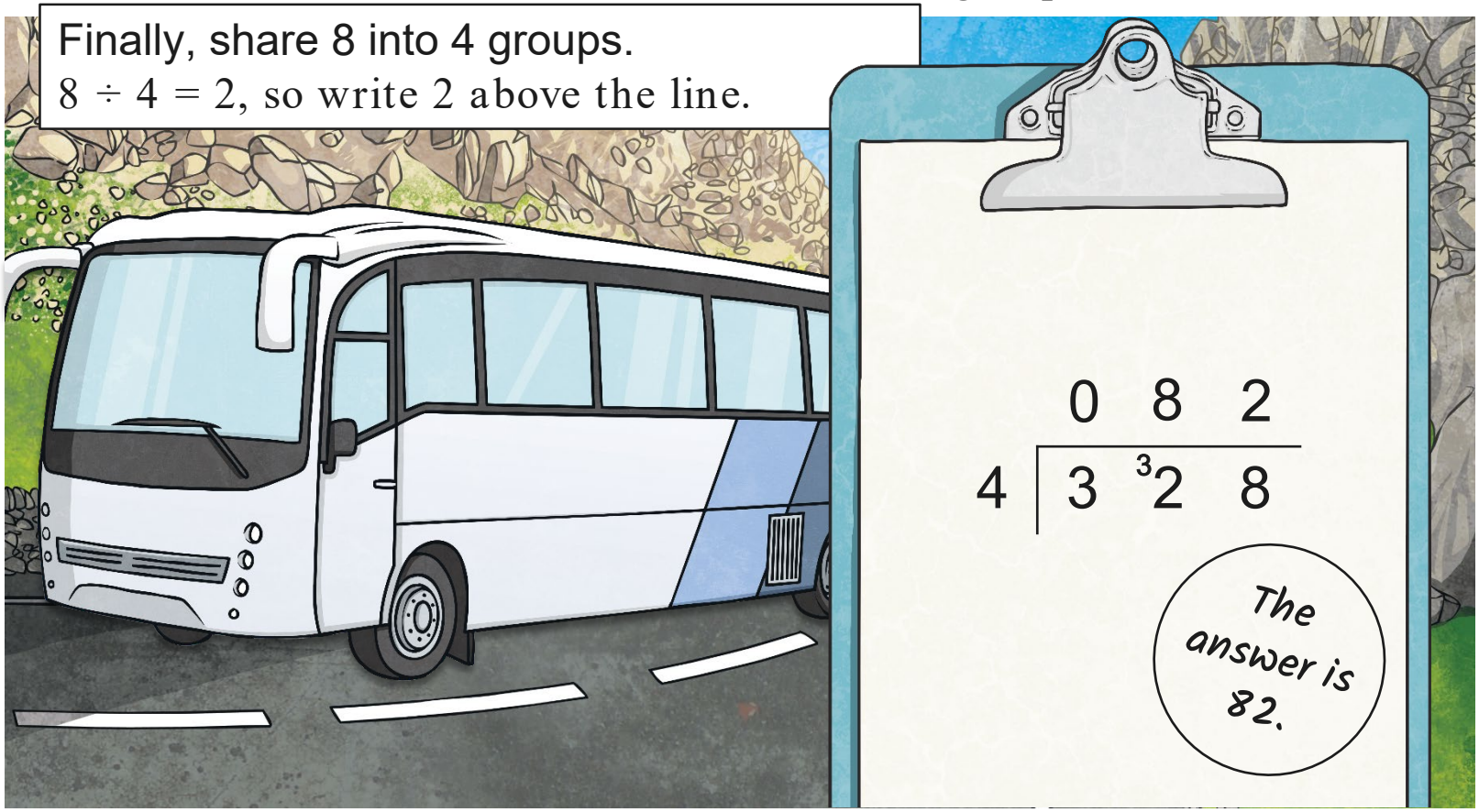
Regroup

Let's work through an example of the short written method where we need to regroup:

Finally, share 8 into 4 groups.
8 ÷ 4 = 2, so write 2 above the line.



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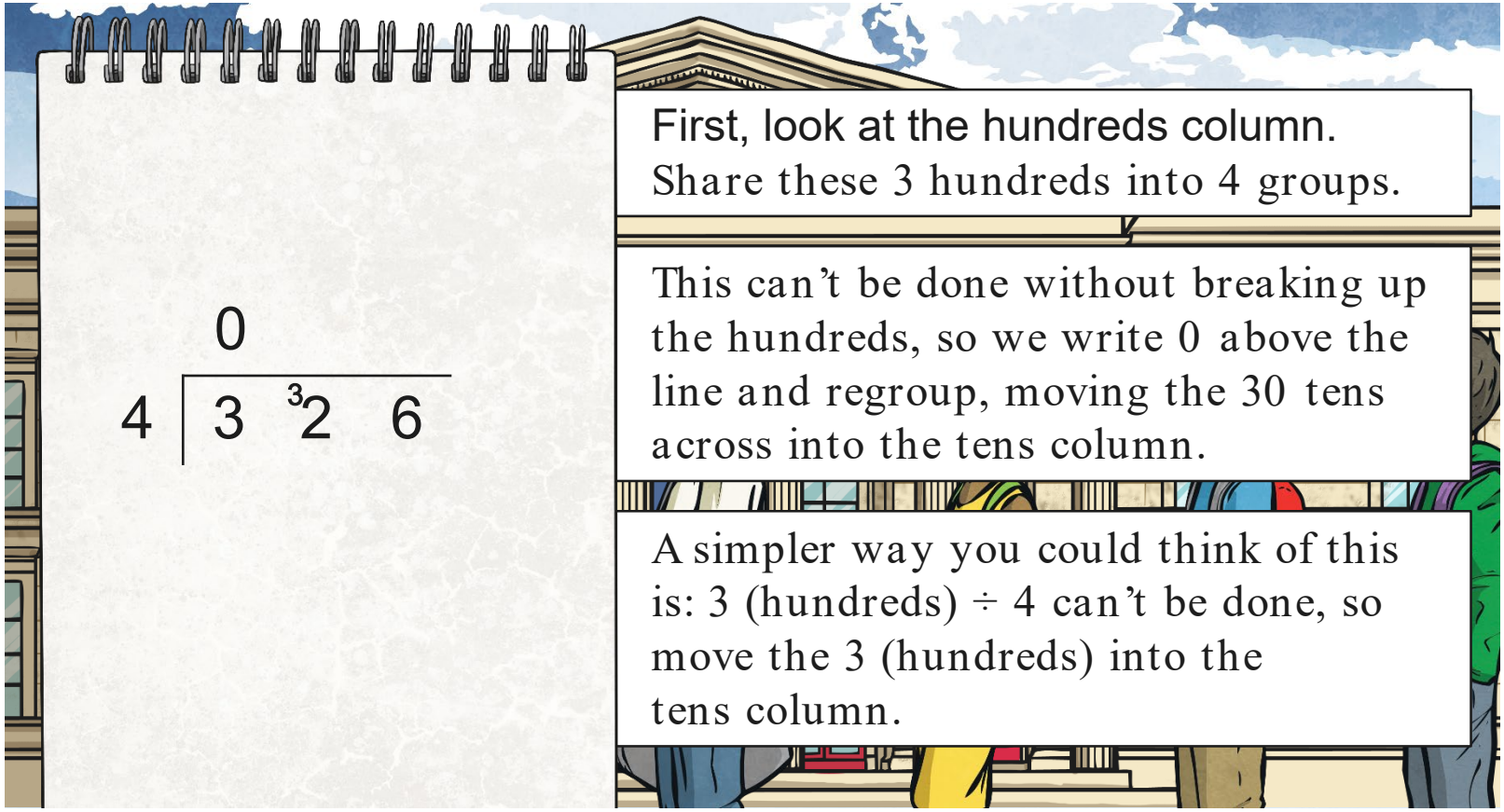
Remainders

What happens if the last digit won't divide exactly by the divisor?



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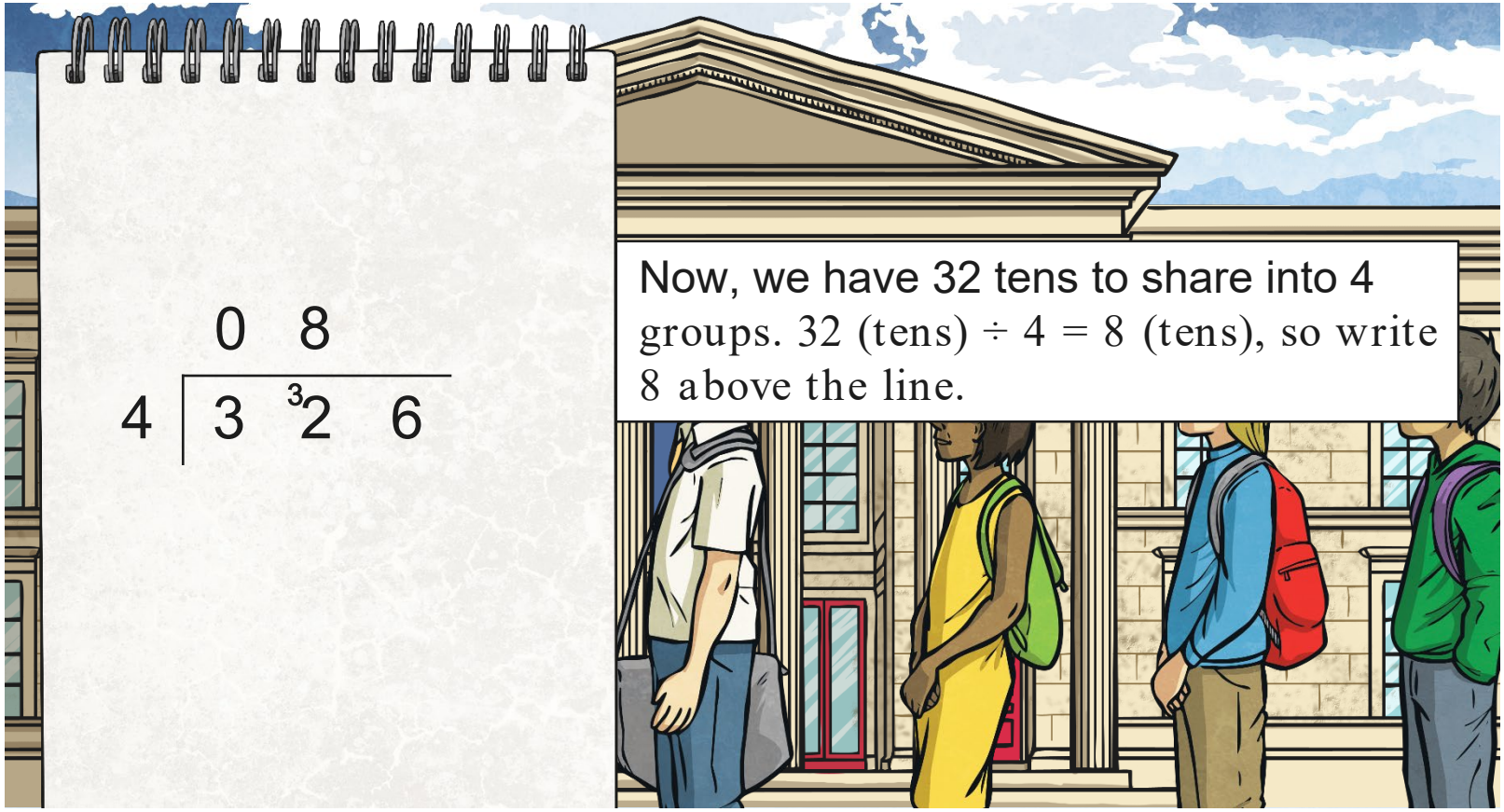

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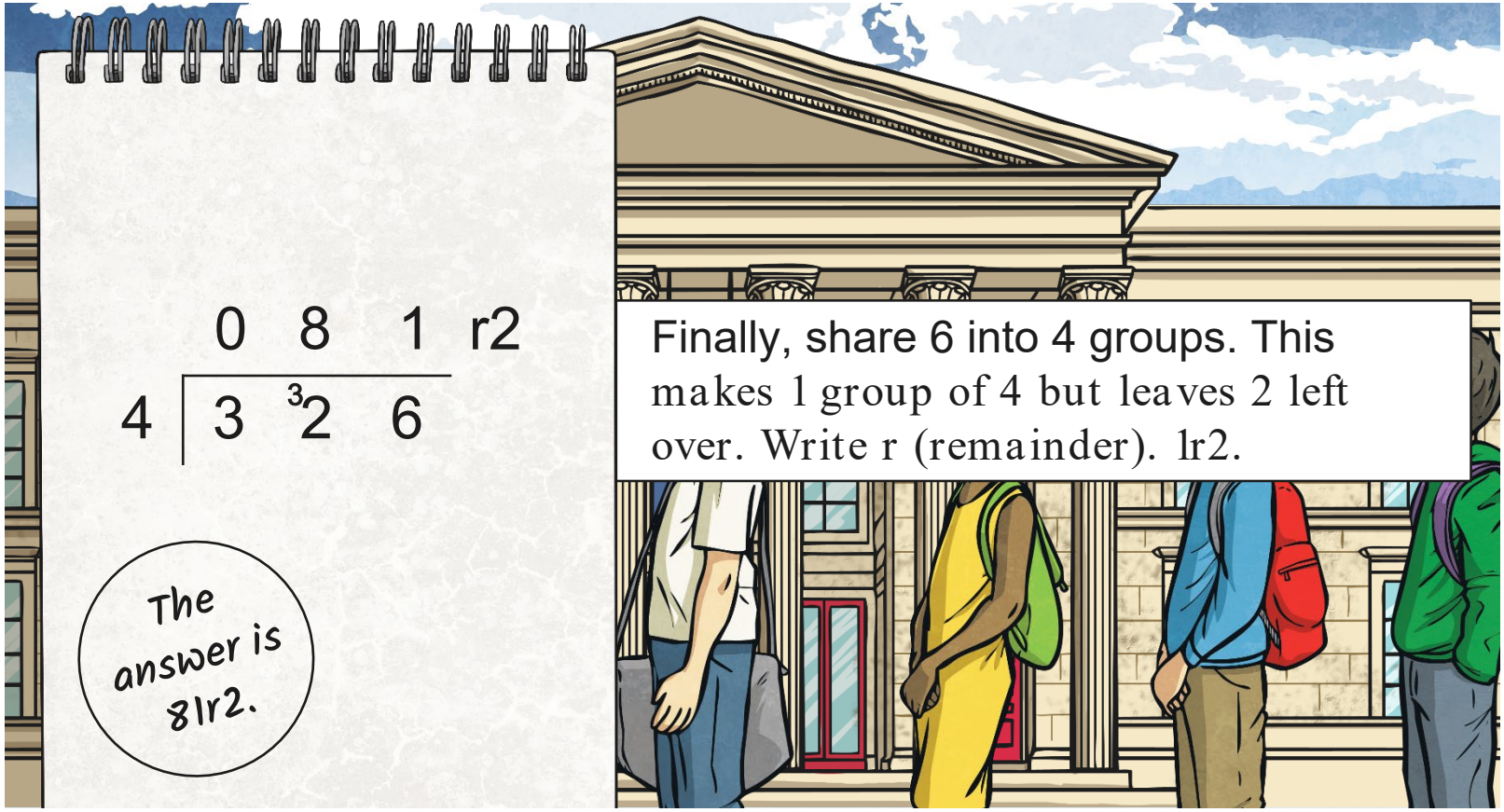

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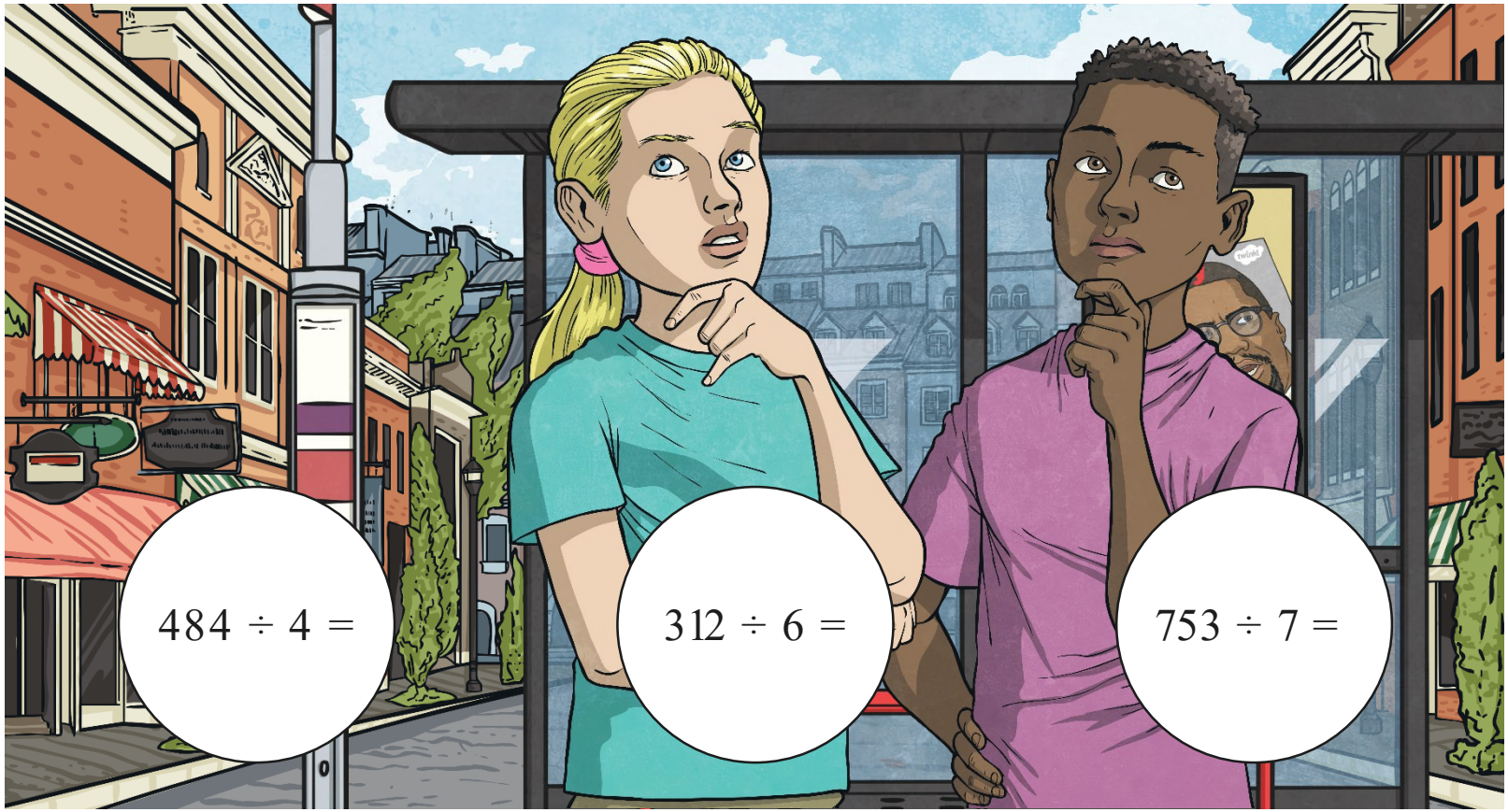
Checkup

Work in pairs to complete these.



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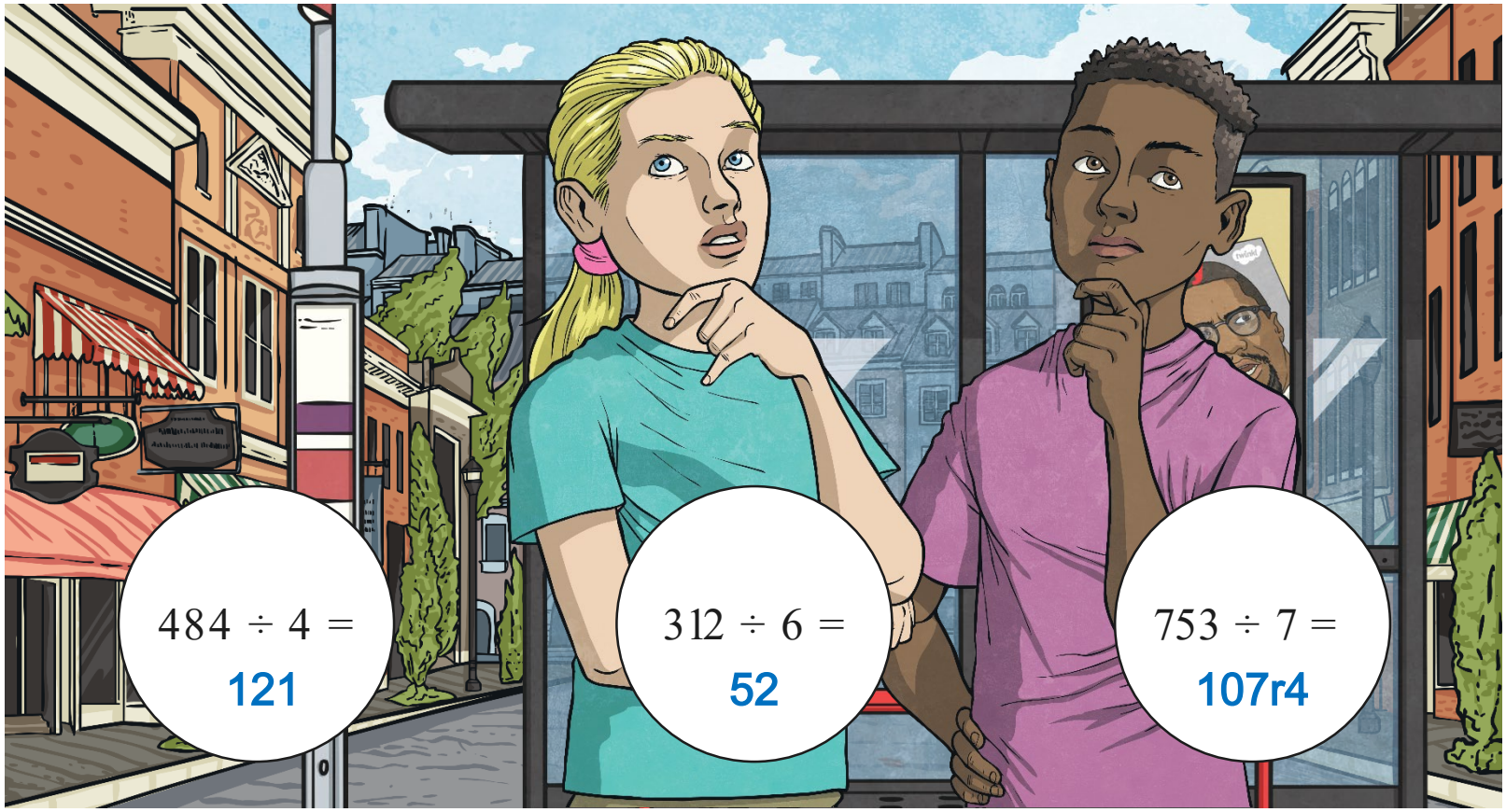

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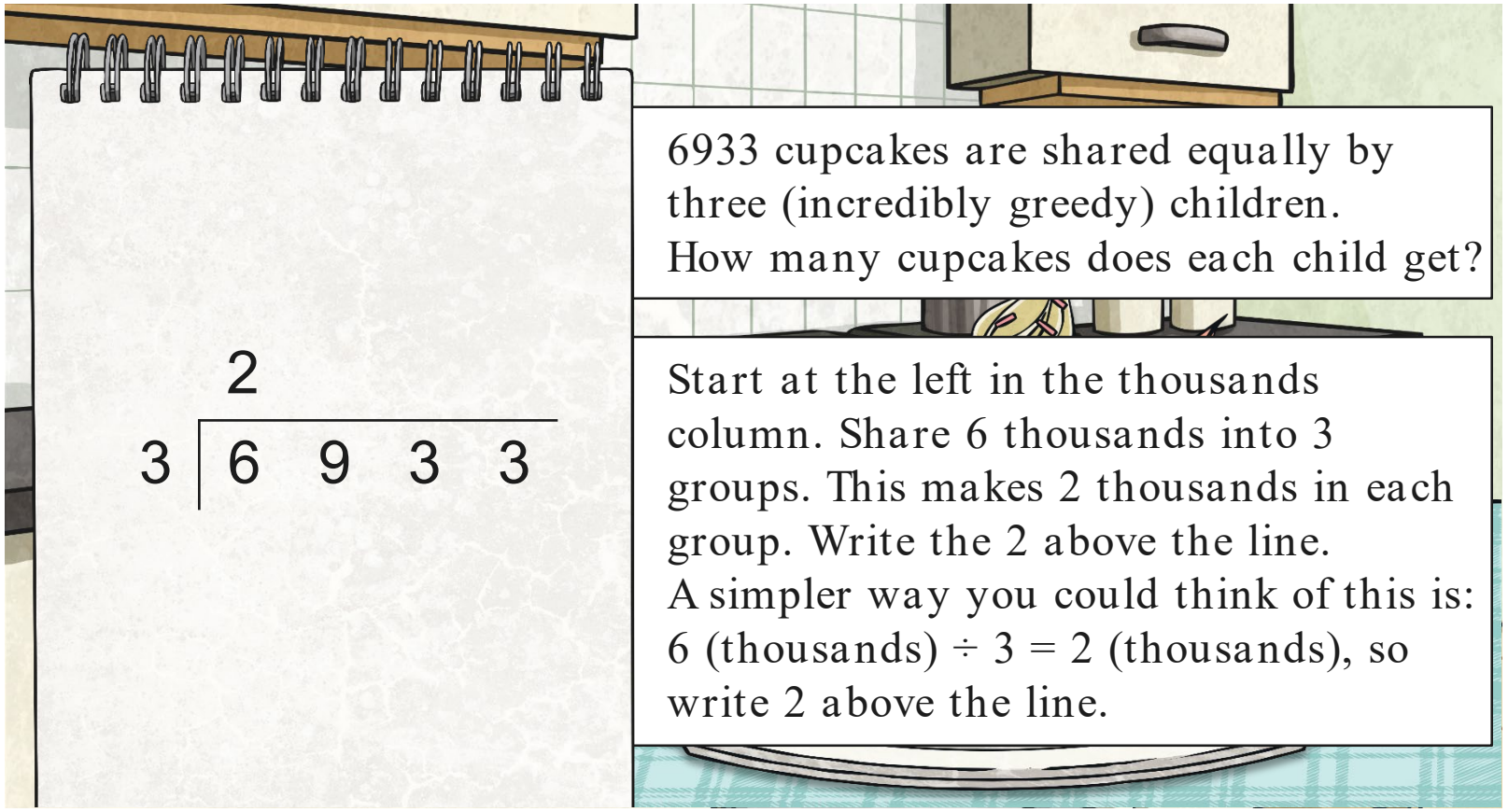
Cupcake Calculation

Let's work through an example together:



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Cupcake Calculation

Whole Class

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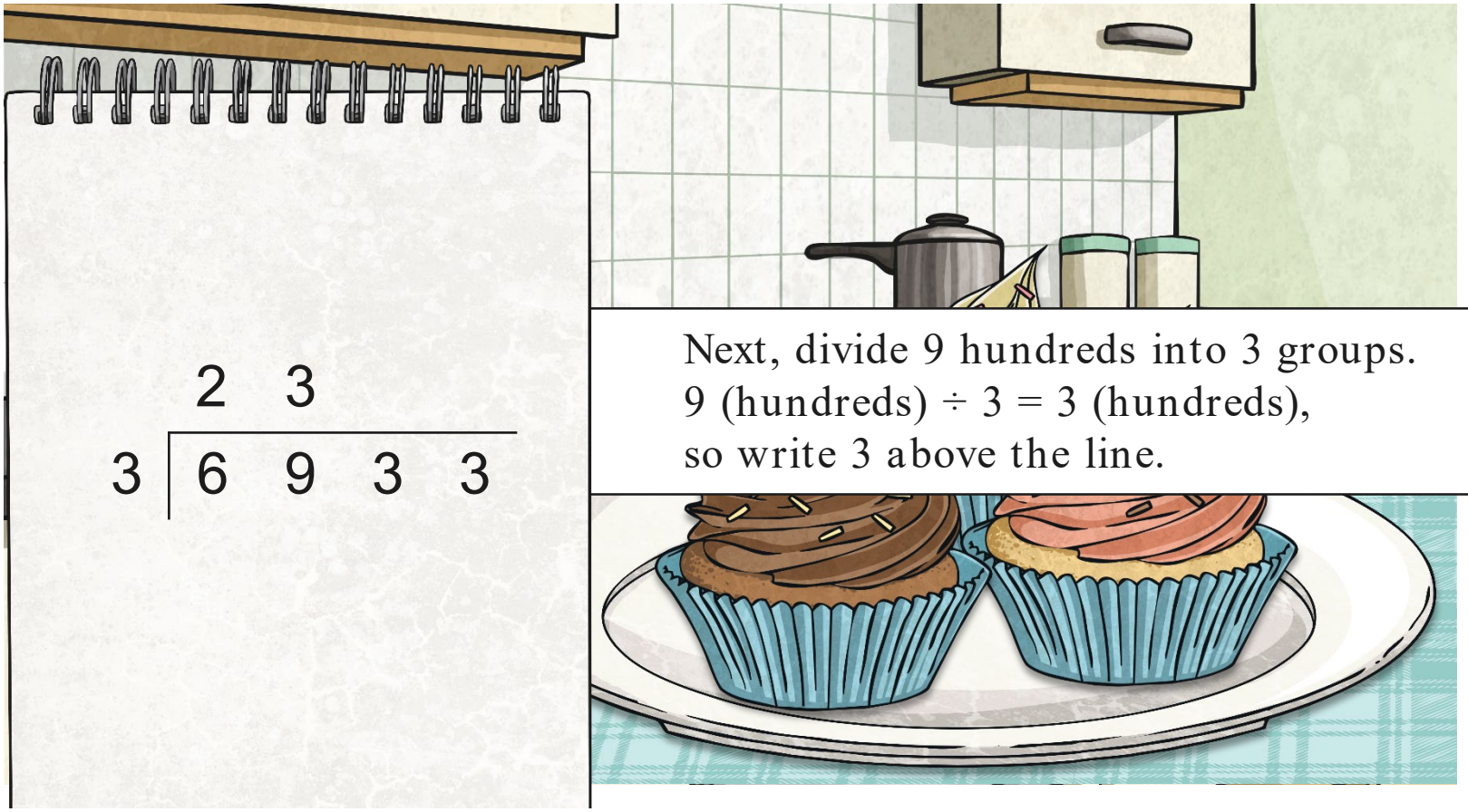

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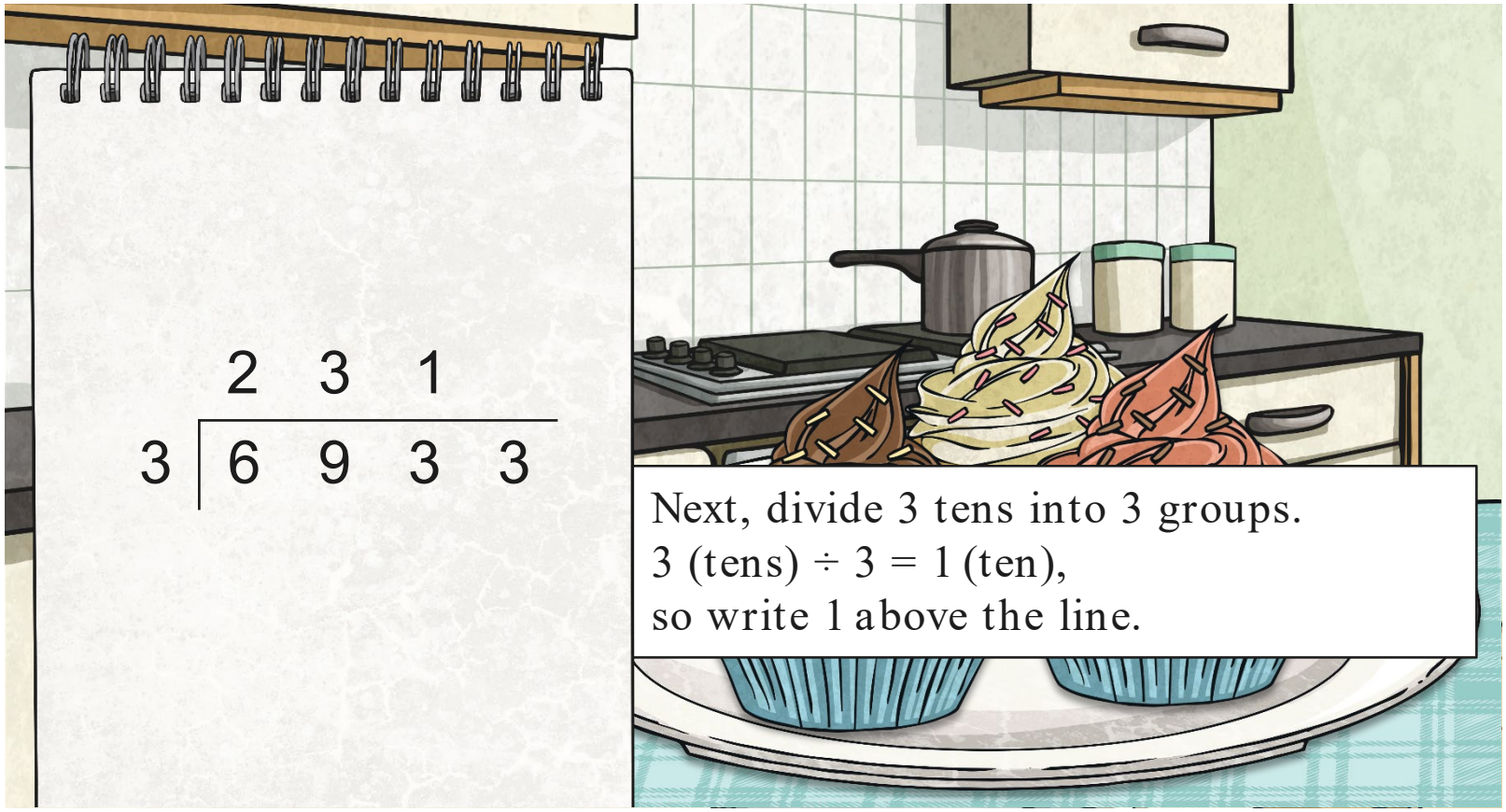

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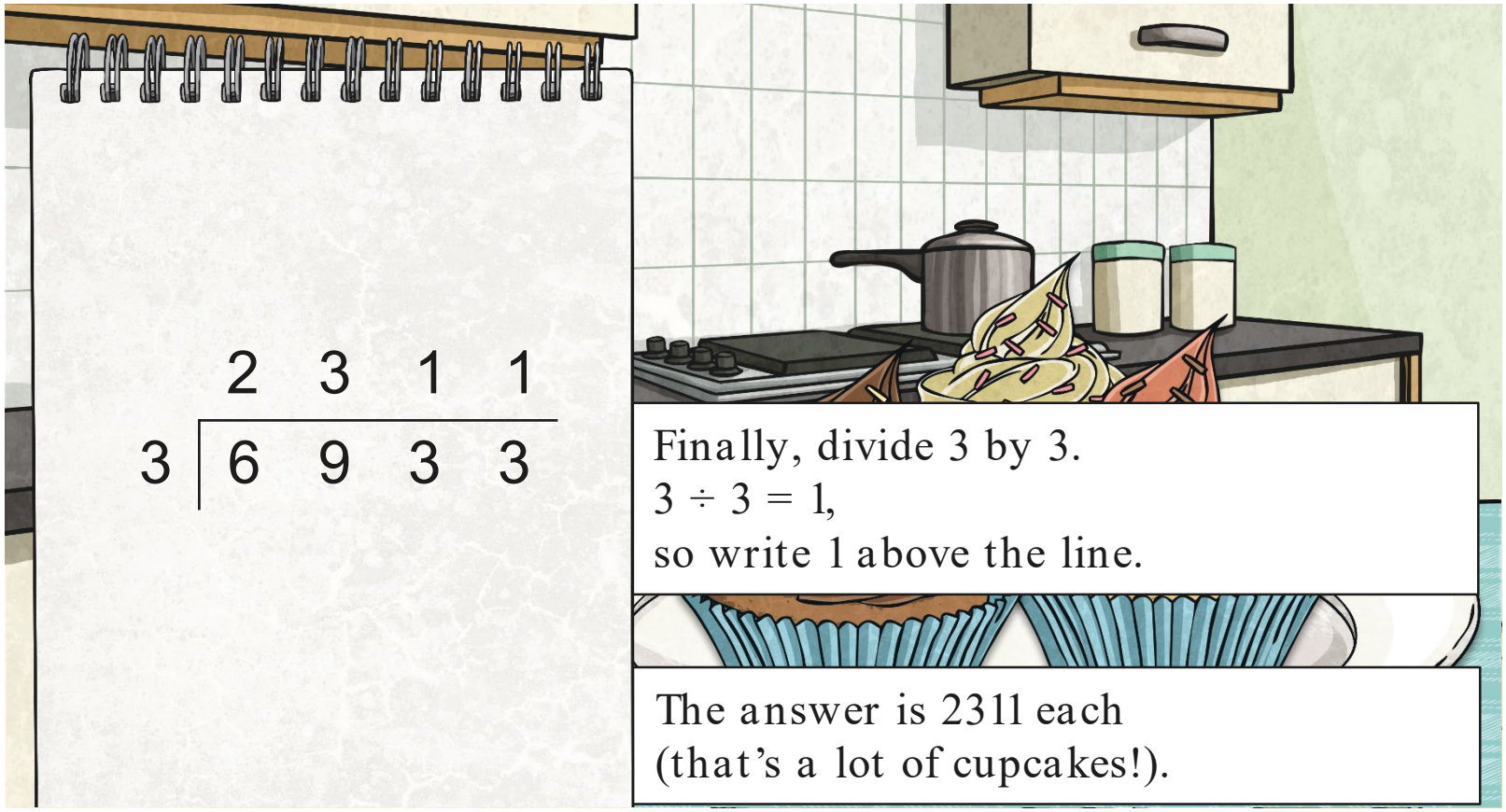

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Regroup

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Great work so far!

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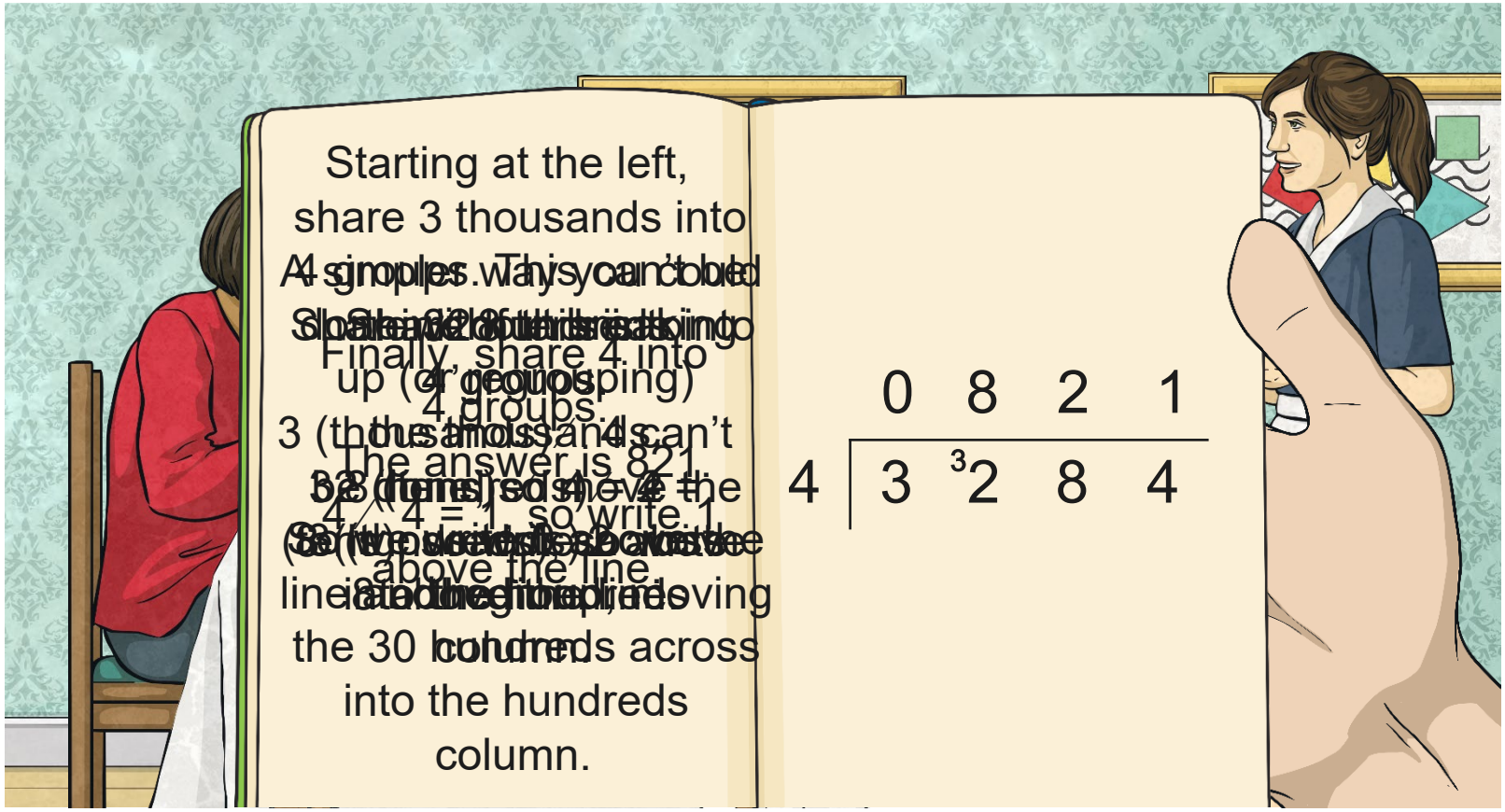

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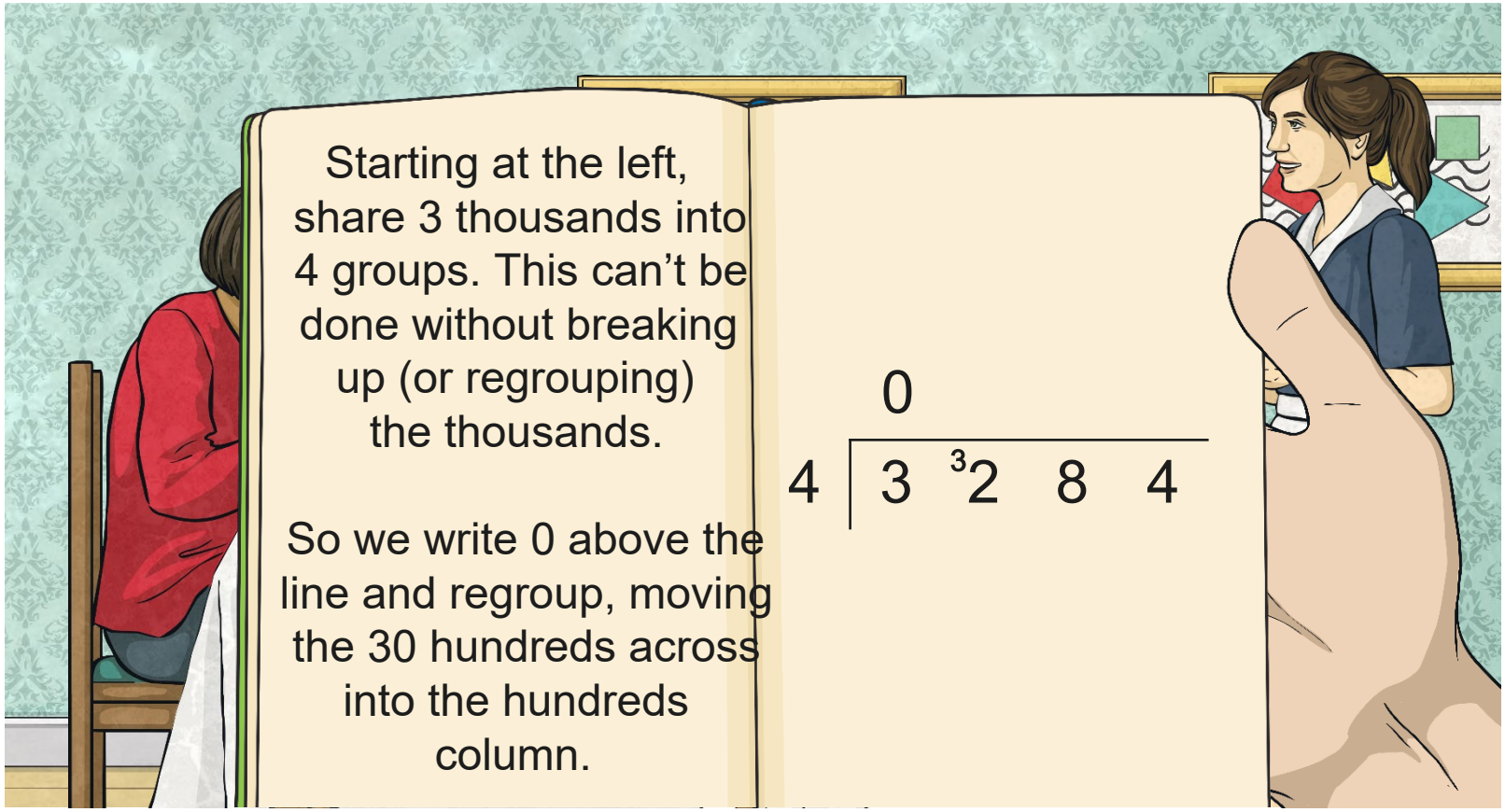

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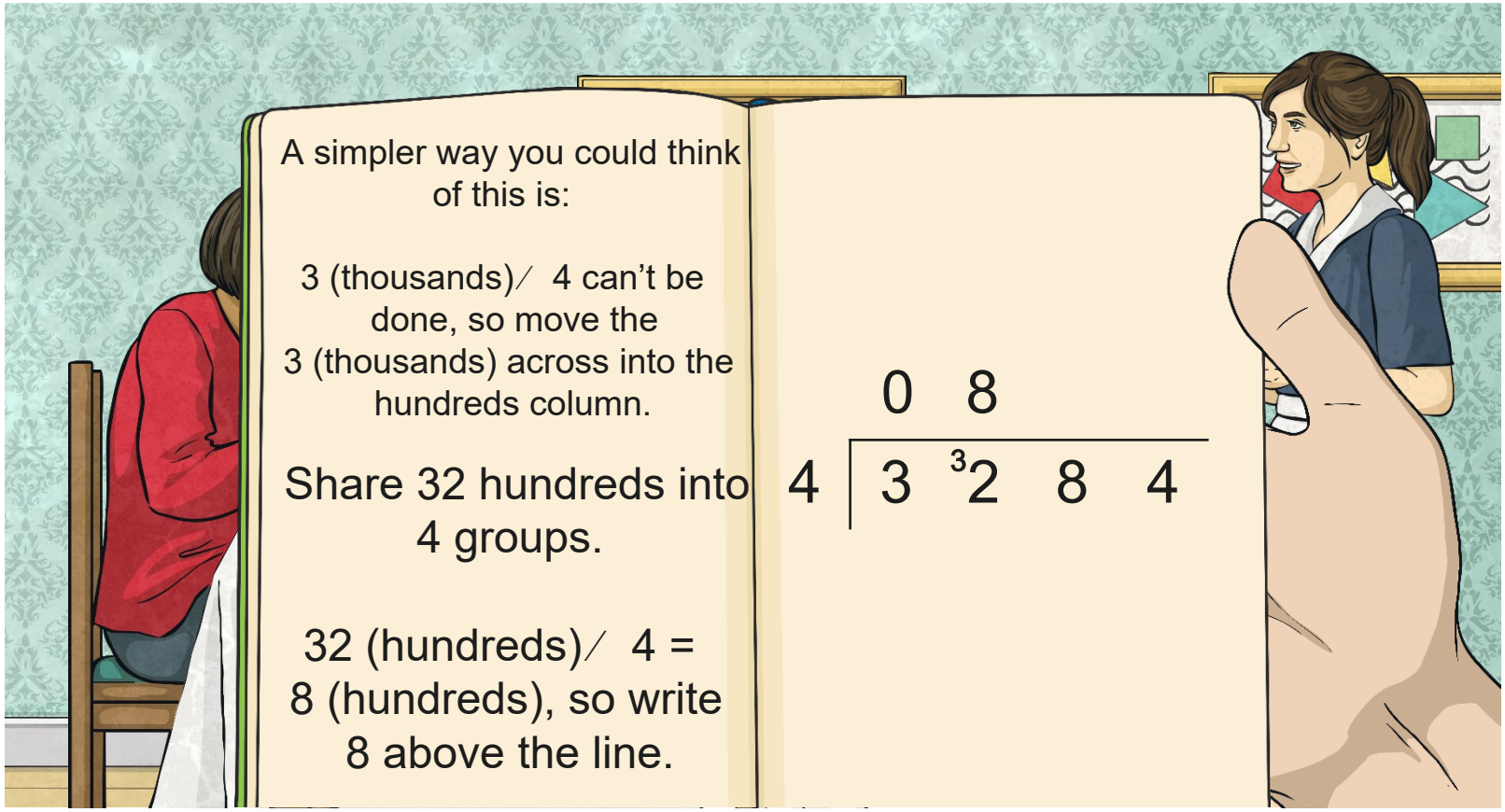

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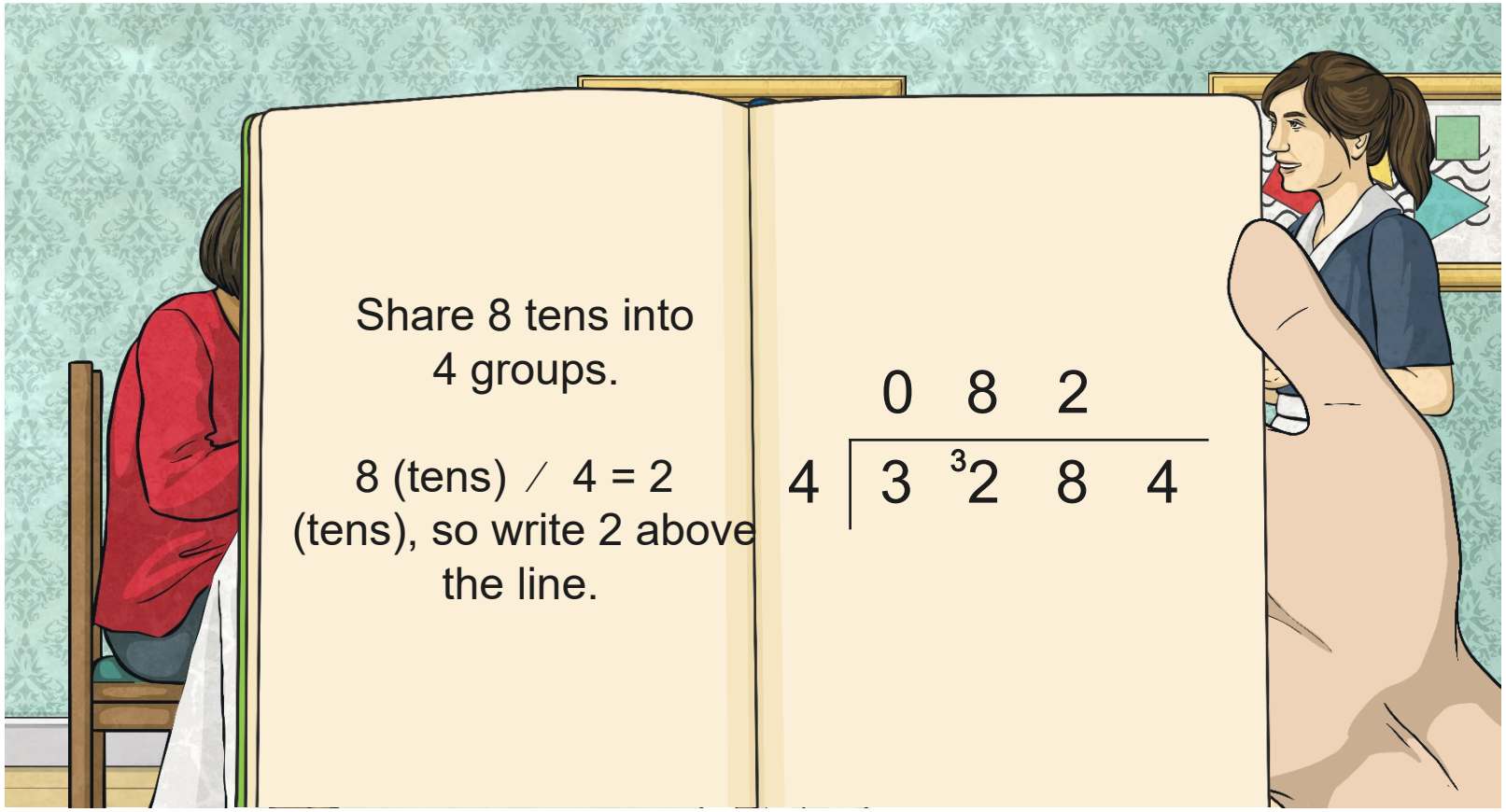

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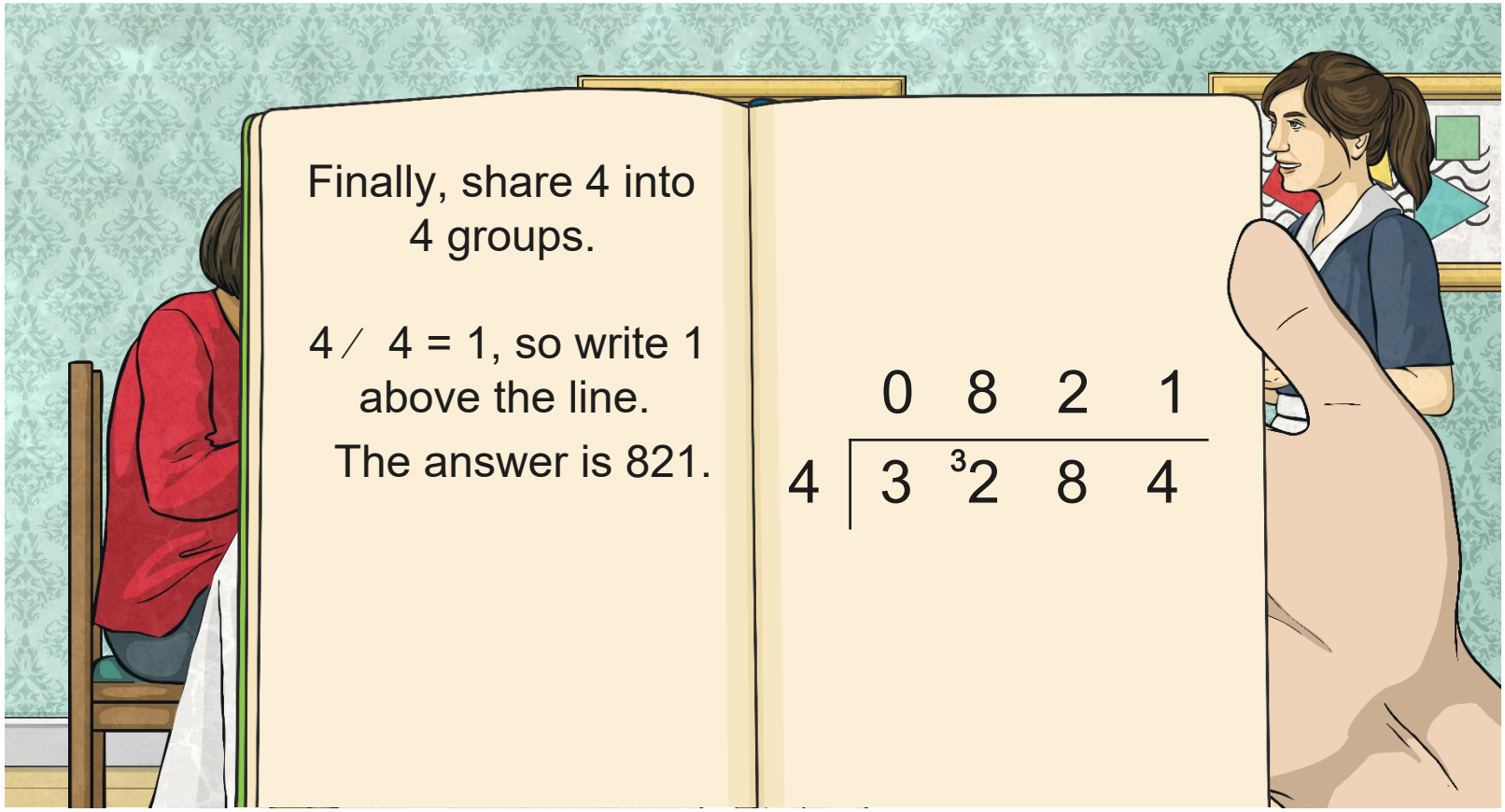

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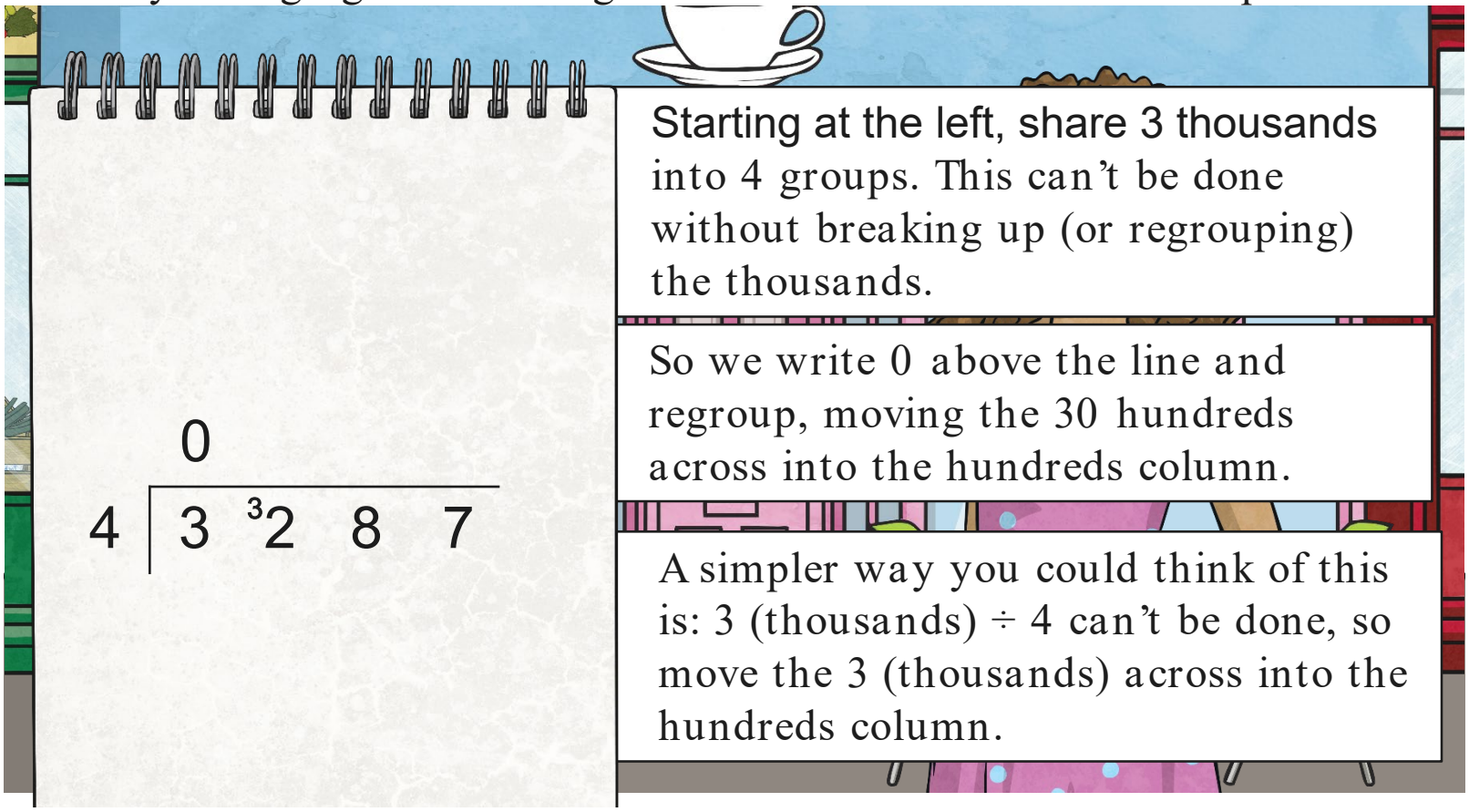
Let's try changing the final digit to a number that isn't a multiple of four:



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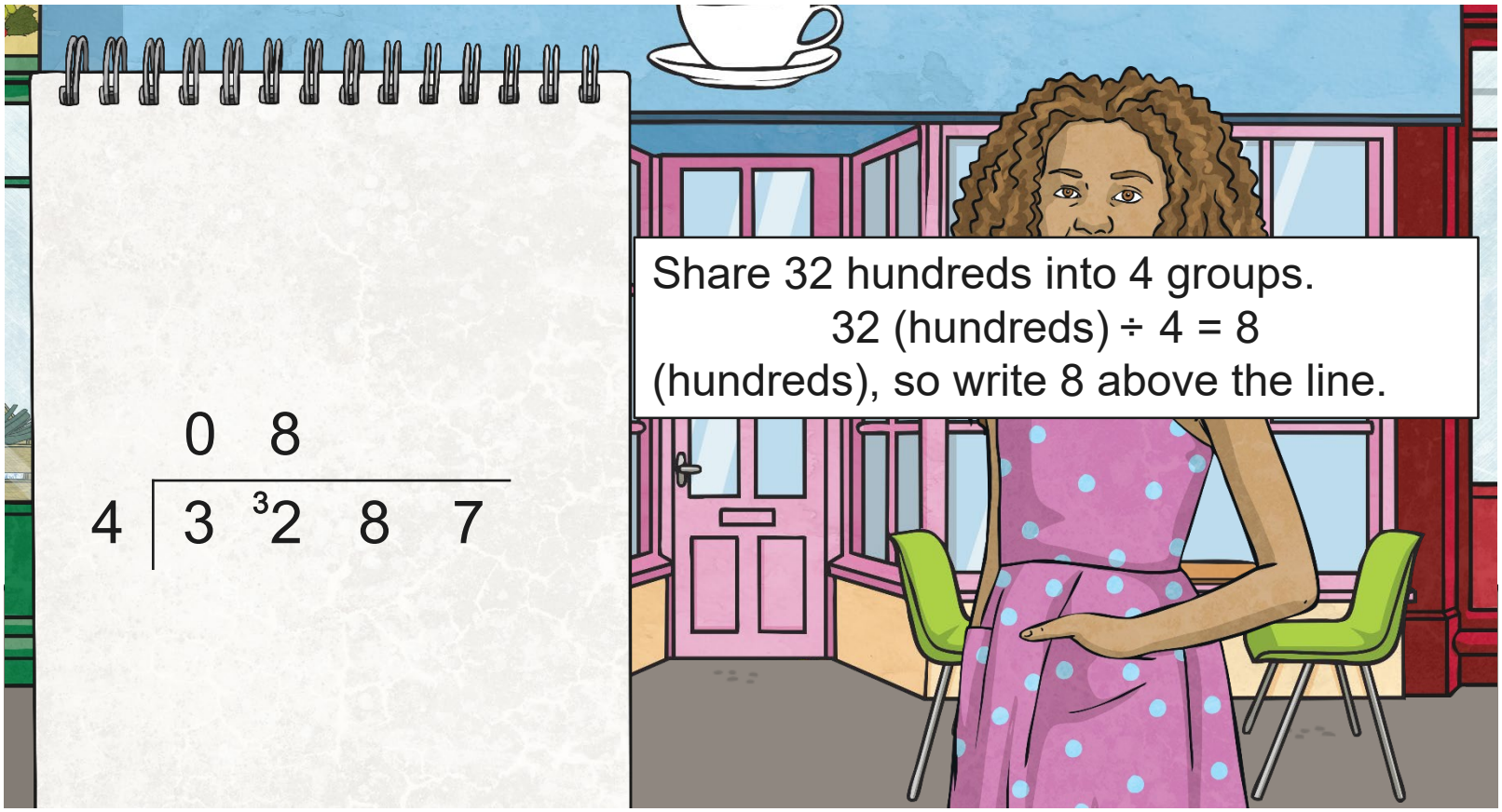

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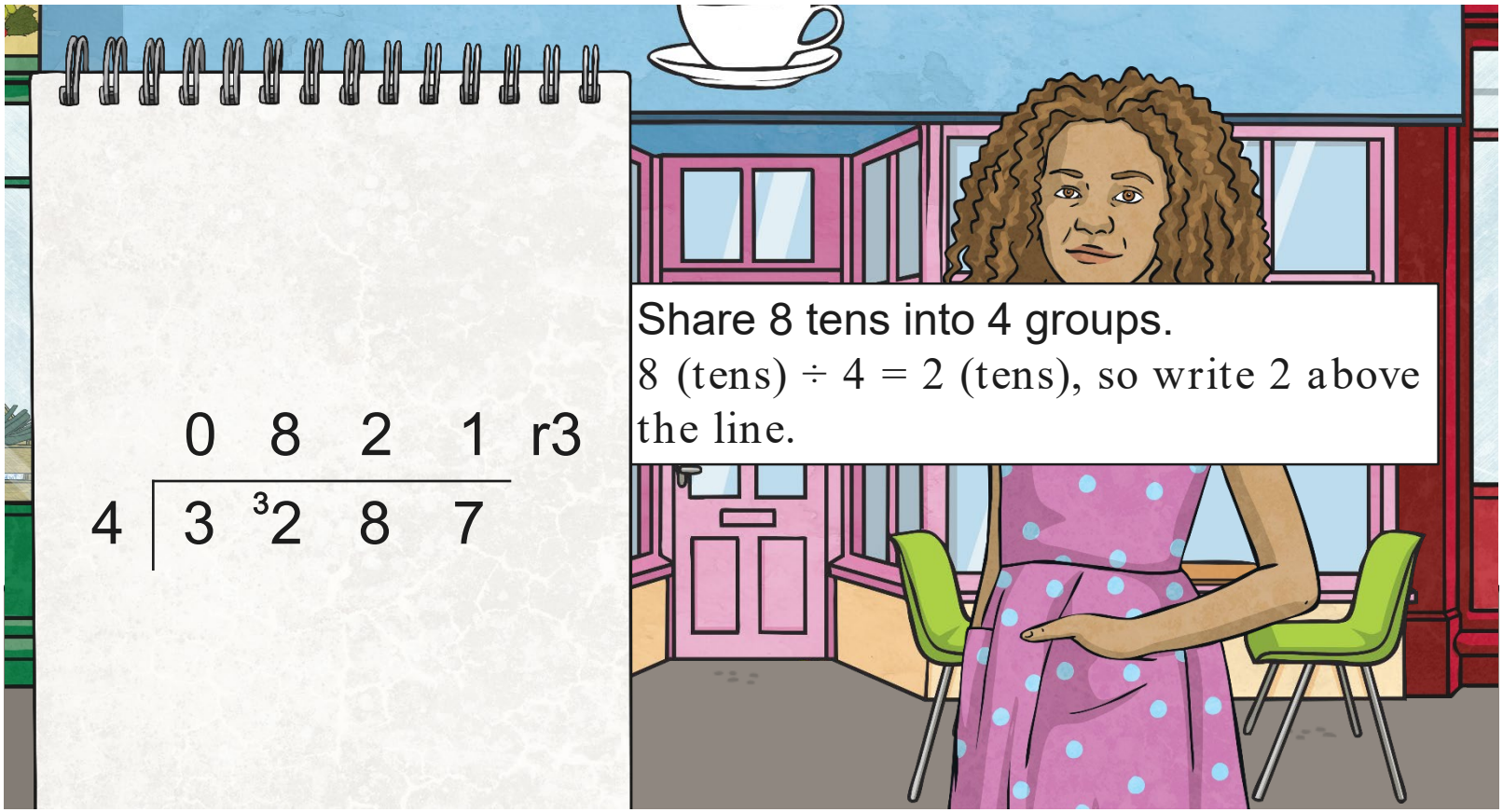

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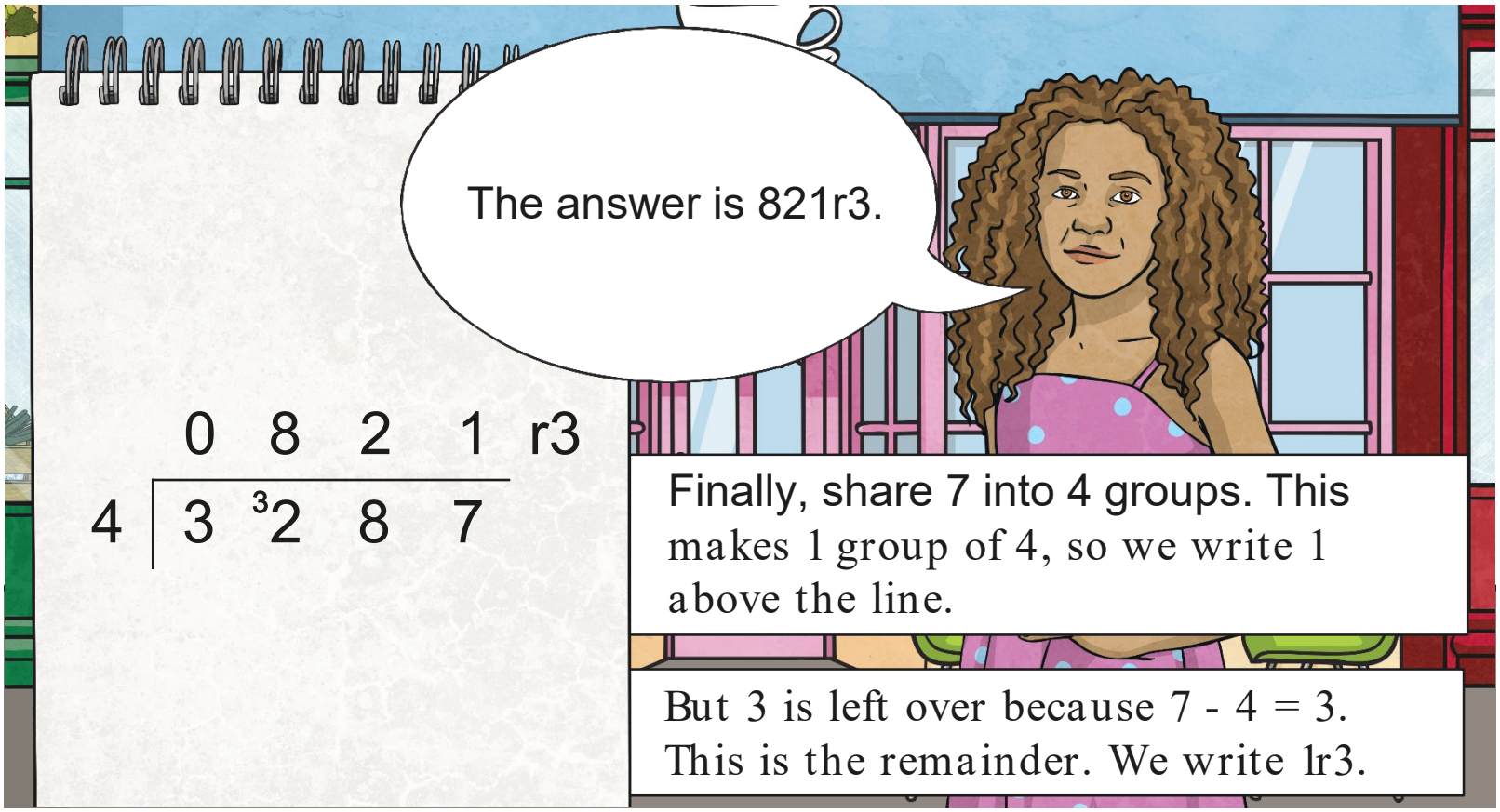

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Your Turn

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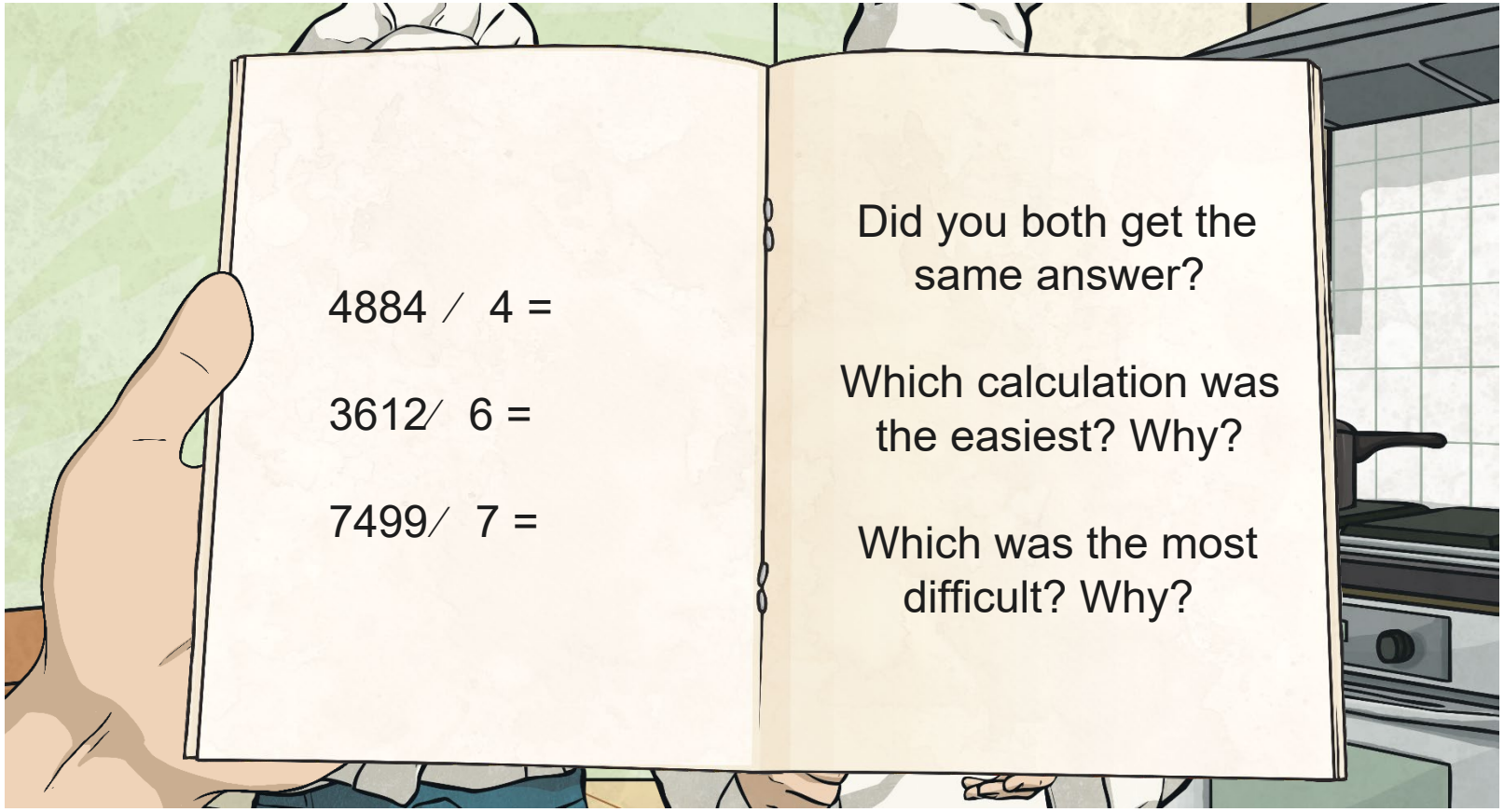

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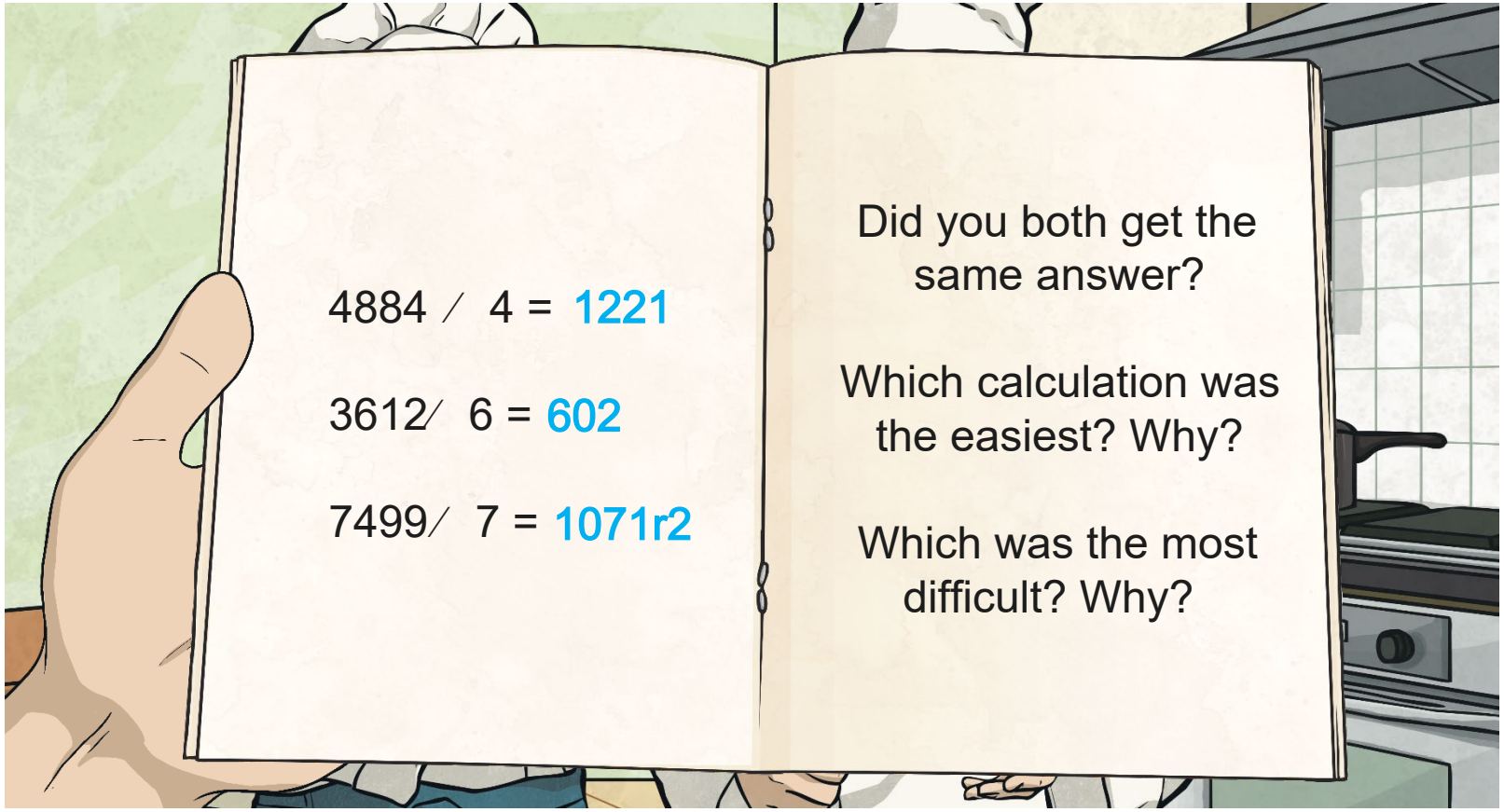

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