Gardening Club

Aim

- I can subtract numbers with up to three digits using a formal written method.

Success Criteria

- I can subtract numbers using a formal method.
- I can subtract numbers with up to three digits.
- I can subtract numbers crossing the tens boundary.
- I can subtract numbers crossing the hundreds boundary.

Share Your Secrets

56 + 24 =

Share Your Secrets

$$120 + 70 =$$

Share Your Secrets

93 + 10 =

Share Your Secrets

$$49 - 24 =$$

Share Your Secrets

$$54 - 30 =$$

Share Your Secrets

292 – 100 =

Share Your Secrets

239 + 100 =

Share Your Secrets

43 + 43 =

Share Your Secrets

54 – 10 =

Share Your Secrets

321 + 193 =

Pruning the Garden

Whole Class

The plants in the garden have grown so much that they need to be pruned. Can you help work out the new height of each plant?

Pruning the Garden

The plant was 684cm tall. The plant was cut 257cm shorter.
How tall is the plant now?

H	T	O
6	$\cancel{8}^{7}$	4^{1}
- 2	5	7
		7

Look at the ones column.

Subtract the ones in the bottom row from the top row.

4 - 7 =

This cannot be done, so we need to exchange a ten from the tens column for 10 ones and regroup these into the ones column.

14 – 7 = 7

Write 7 in the ones answer.

Pruning the Garden

Whole Class

The plant was 684cm tall. The plant was cut 257cm shorter.
How tall is the plant now?

H	T	O
6	7	4
- 2	5	7
	2	7

Look at the tens column.

Subtract the tens in the bottom row from the top row.

7 tens - 5 tens = 2 tens.

Write 2 in the tens answer.

Pruning the Garden

The plant was 684cm tall. The plant was cut 257cm shorter.
How tall is the plant now?

H	T	O
6	~~8~~ 7	1 4
- 2	5	7
4	2	7

Look at the hundreds column.

Subtract the hundreds in the bottom row from the top row.

6 hundreds - 2 hundreds
= 4 hundreds.

Write 4 in the hundreds answer.

684 – 257 = 427

Pruning the Garden

Whole Class

The plant was 684cm tall. The plant was cut 257cm shorter.
How tall is the plant now?

H	T	O
6	$\cancel{8}^{7}$	4^{1}
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Write 7 in the ones answer.

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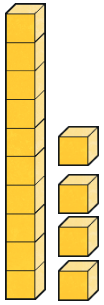

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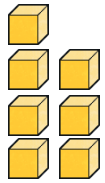

Pruning the Garden

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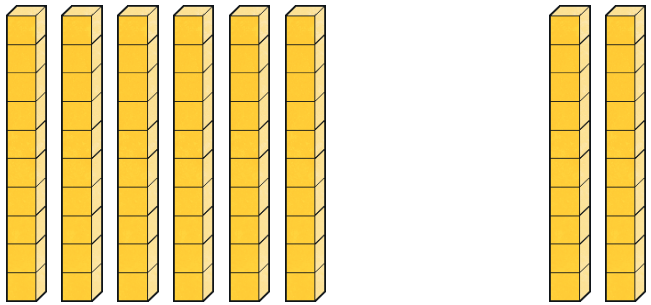

Pruning the Garden

The plant was 684cm tall. The plant was cut 257cm shorter.
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6	$\cancel{8}^{7}$	$^{1}4$
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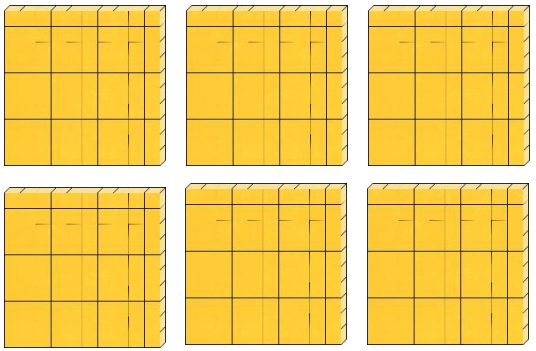

Write 4 in the hundreds answer.

684 – 257 = 427

Pruning the Garden

Whole Class

The plant was 347cm tall. The gardener cut 152cm off the plant.
What is the height of the plant now?

H	T	O
3	4	7
- 1	5	2
		5

Look at the ones column.

Subtract the ones in the bottom row from the top row.

7 - 2 = 5 ones

Write 5 in the ones answer.

Pruning the Garden

Whole Class

The plant was 347cm tall. The gardener cut 152cm off the plant.
What is the height of the plant now?

H	T	O
2	3 1	7
	4	
- 1	5	2
	9	5

Look at the tens column.

Subtract the tens in the bottom row from the top row.

4 tens - 5 tens =
This cannot be done so we need to exchange one hundred for 10 tens and regroup these in tens column.

14 tens – 5 tens = 9 tens.

Write 9 in the tens answer.

Pruning the Garden

Whole Class

The plant was 347cm tall. The gardener cut 152cm off the plant.
What is the height of the plant now?

H	T	O
2	3	7
- 1	5	2
1	9	5

Look at the hundreds column.

Subtract the hundreds in the bottom row from the top row.

2 hundreds – 1 hundred = 1 hundred.

Write 1 in the hundred answer.

347 – 152 = 195

Pruning the Garden

Whole Class

The plant was 347cm tall. The gardener cut 152cm off the plant.
What is the height of the plant now?

H	T	O
3	4	7
- 1	5	2
		5

Write 5 in the ones answer.

Look at the ones column.

Subtract the ones in the bottom row from the top row.

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Pruning the Garden

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What is the height of the plant now?

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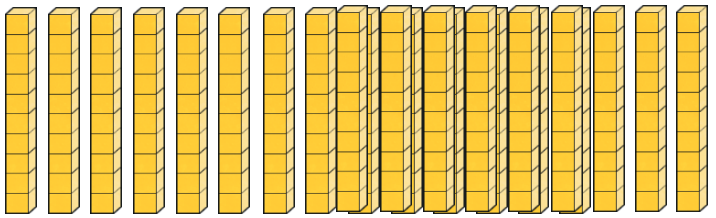

Pruning the Garden

Whole Class

The plant was 347cm tall. The gardener cut 152cm off the plant.
What is the height of the plant now?

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347 – 152 = 195

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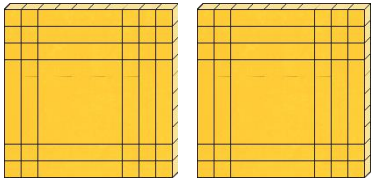
1 hundred.

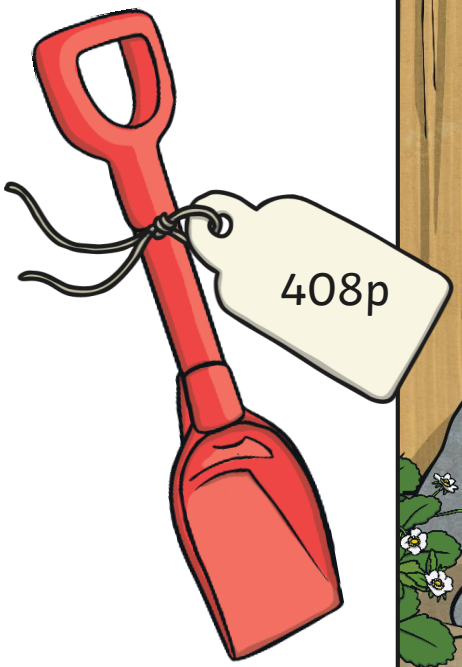


Write 1 in the hundred answer.

Gardening Equipment

The sale is on at the garden centre. Can you help the shopkeeper work out the new price of each item?

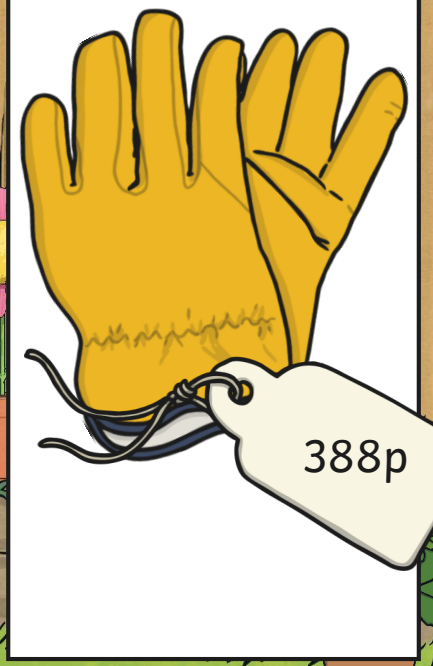
249p off!



Gardening Equipment

The sale is on at the garden centre. Can you help the shopkeeper work out the new price of each item?

365p off!



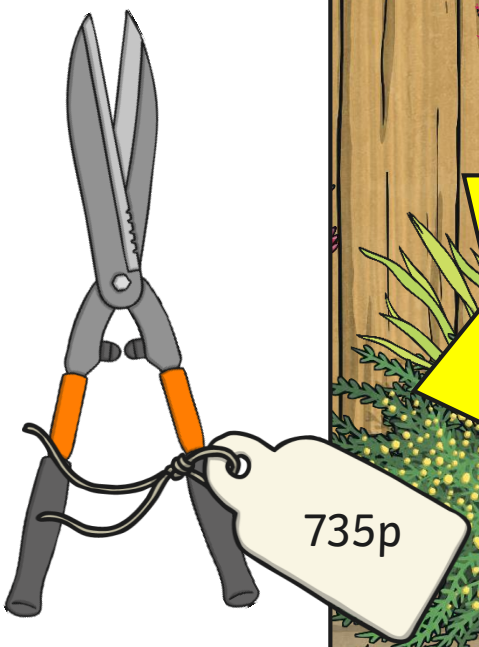
Gardening Equipment

The sale is on at the garden centre. Can you help the shopkeeper work out the new price of each item?

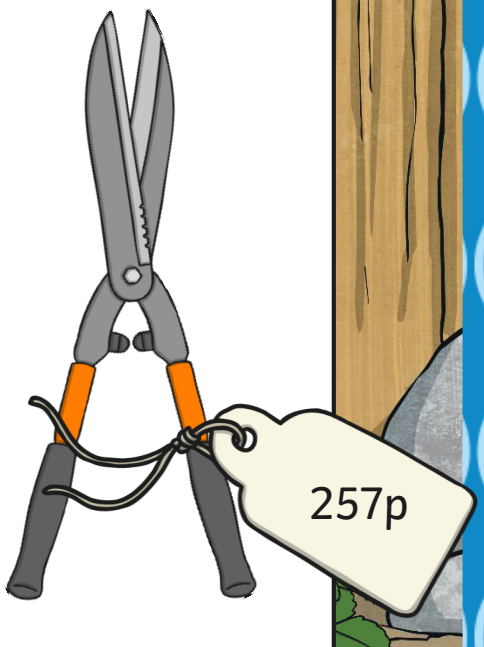
171p off!

Gardening Equipment

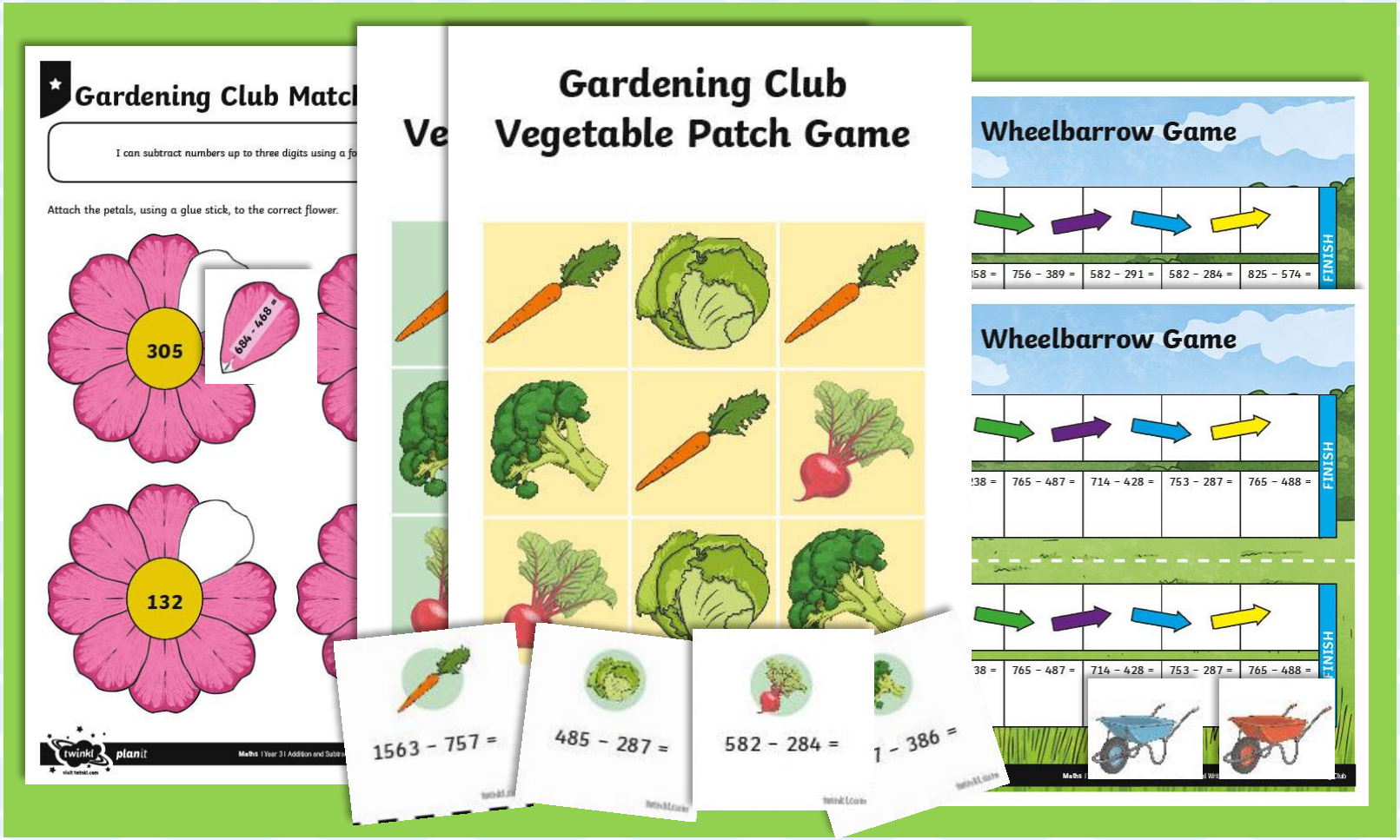
The sale is on at the garden centre. Can you help the shopkeeper work out the new price of each item?



478p off!



Gardening Club



Robert Gardener

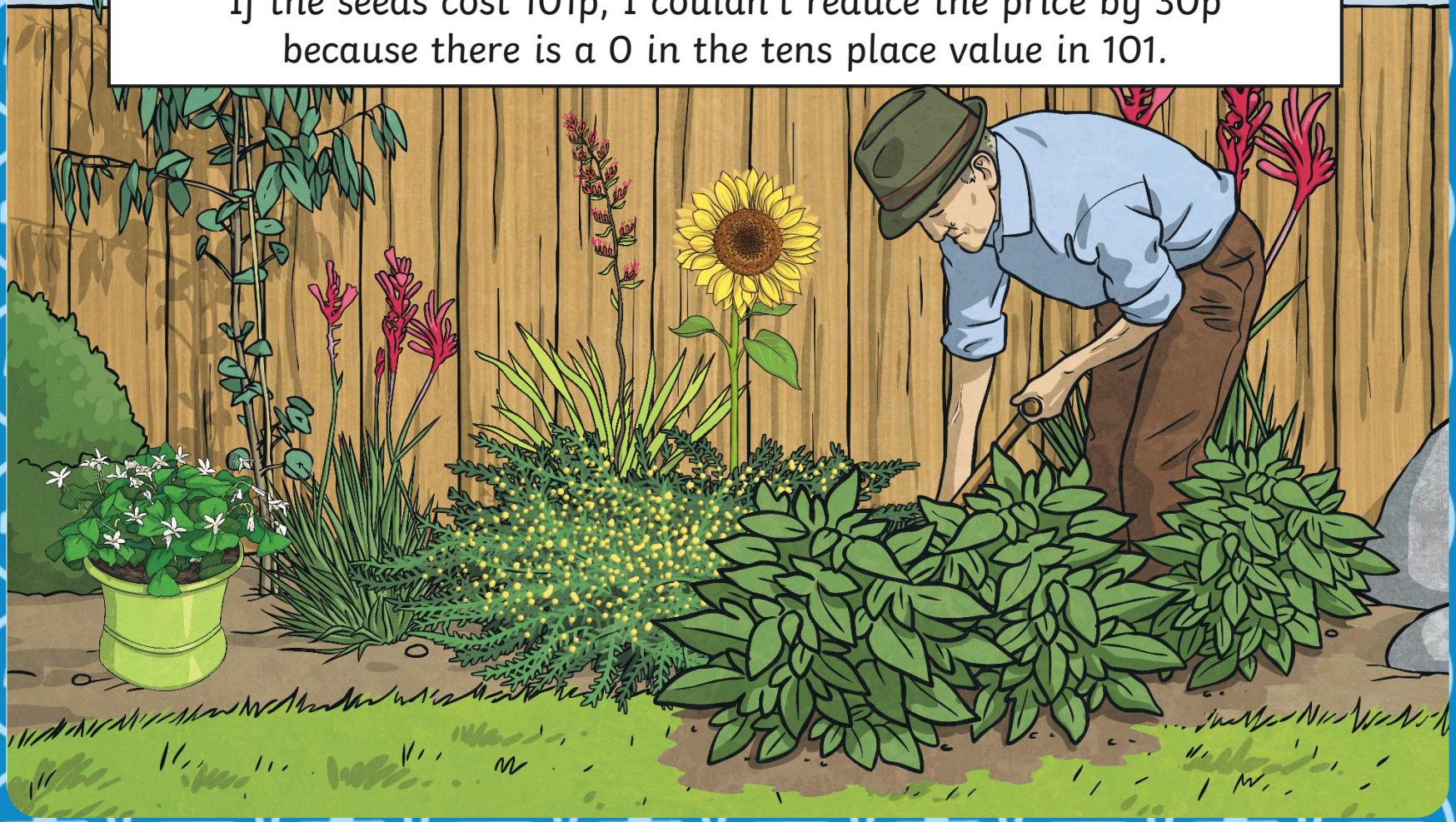
Whole Class

If the plant cost 536p and it was reduced by 148p,
the new price must be 412p.

Robert Gardener

Whole Class

If the seeds cost 101p, I couldn't reduce the price by 30p because there is a 0 in the tens place value in 101.



Robert Gardener

Whole Class

There are 54 plants. If I wanted to put 36 plants into the van, there must be 22 plants left.

I worked this out by subtracting the ones first

6 - 4 = 2

then subtracted the tens

50 – 30 = 20

and added the answers together to make **22**.

Aim

- I can subtract numbers with up to three digits using a formal written method.

Success Criteria

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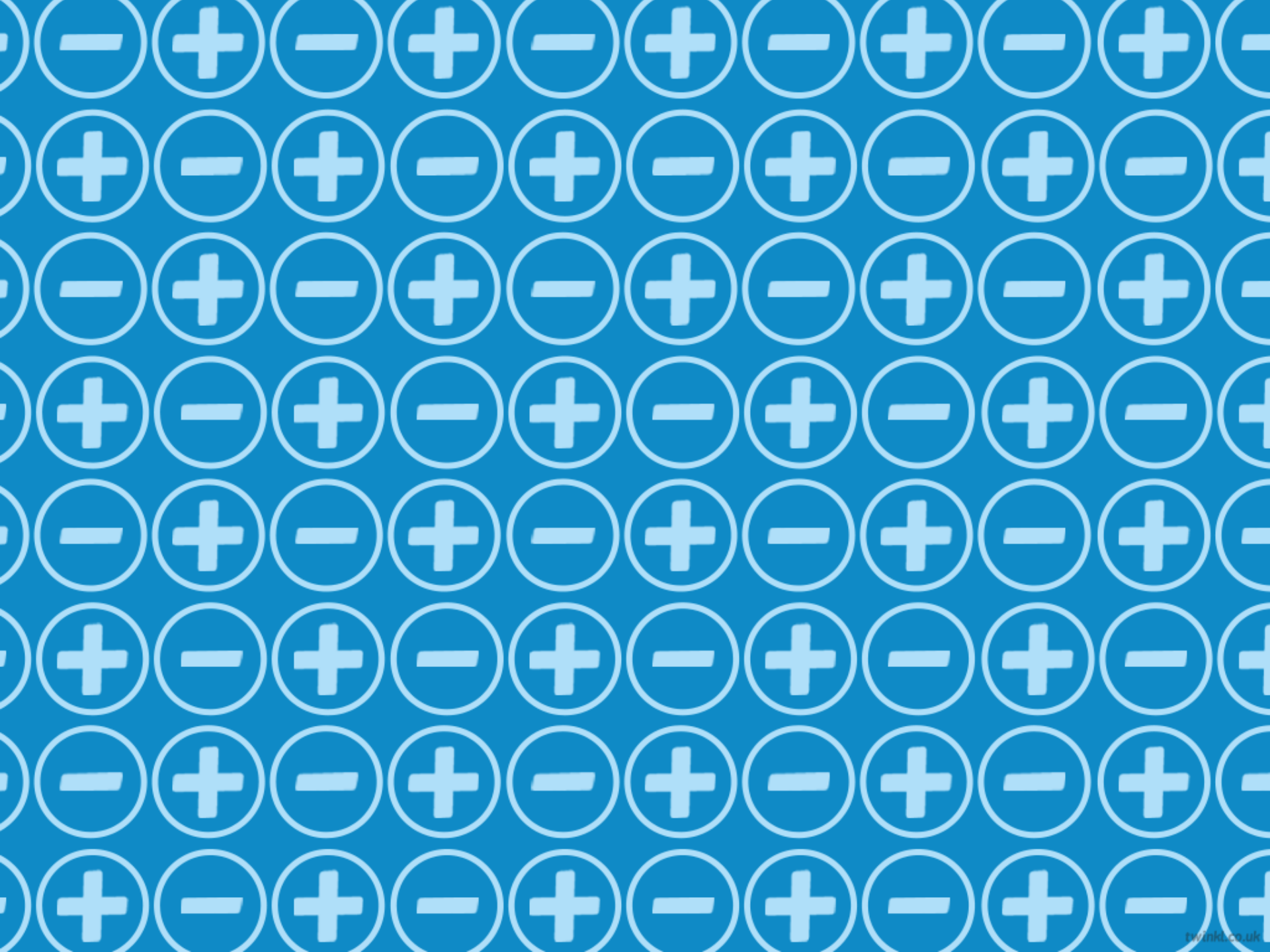
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