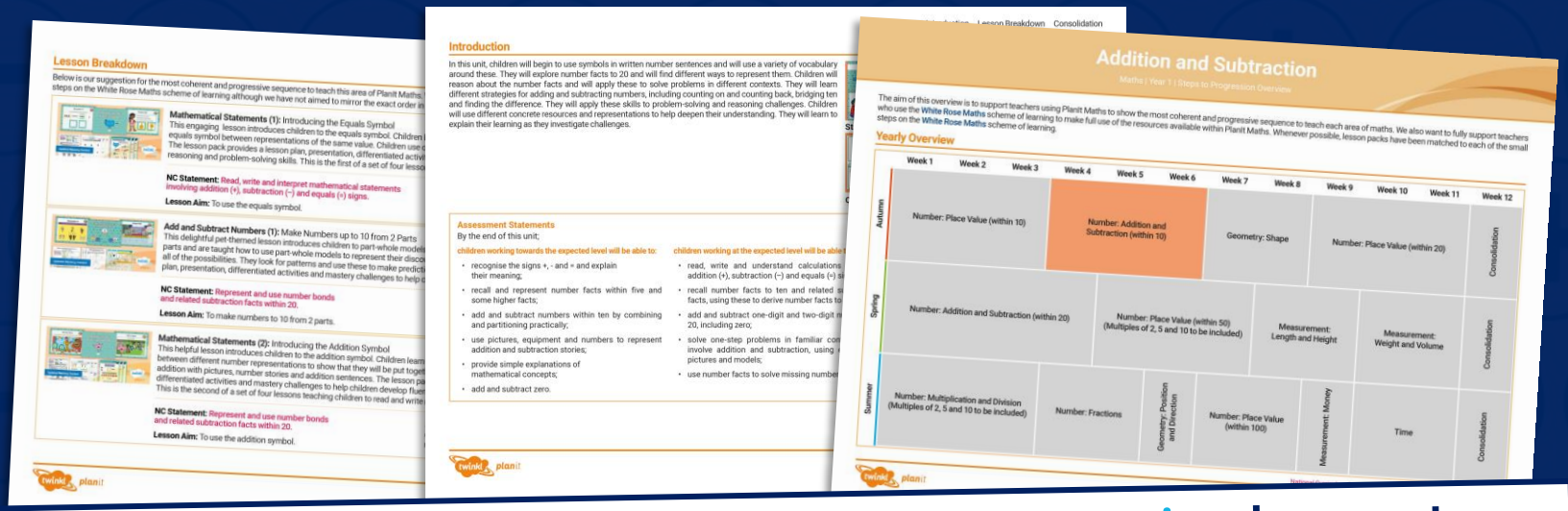
Maths

Addition and Subtraction

Need a coherently planned sequence of lessons to complement this resource?

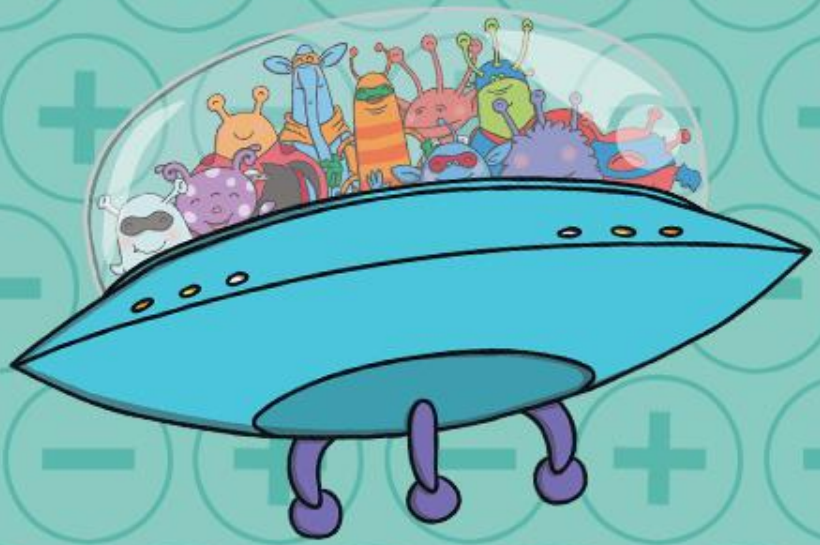


See our Addition and Subtraction Steps to Progression document.

Twinkl PlanIt is our award-winning scheme of work with over 4000 resources.

twinkl planit

Find and Recall Number Bonds of 10



Aim

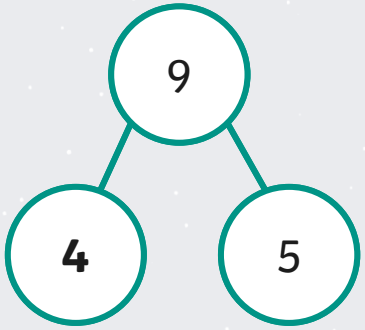
- To find and recall number bonds of 10.

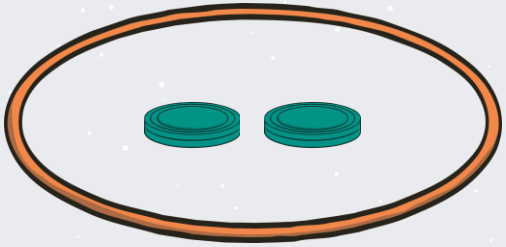
Success Criteria

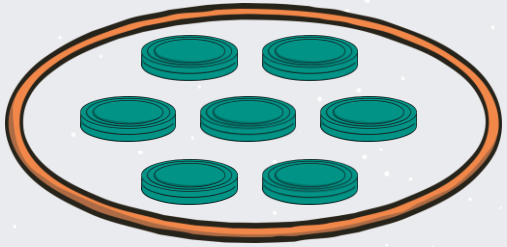
- I can find number bonds of 10 by adding two numbers.
- I can recall number bonds of 10.
- I can work systematically to find all possibilities.

Remember It

Recall number bonds of 9 to find the missing numbers.

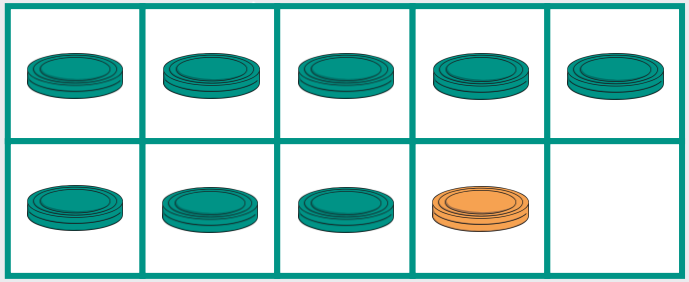






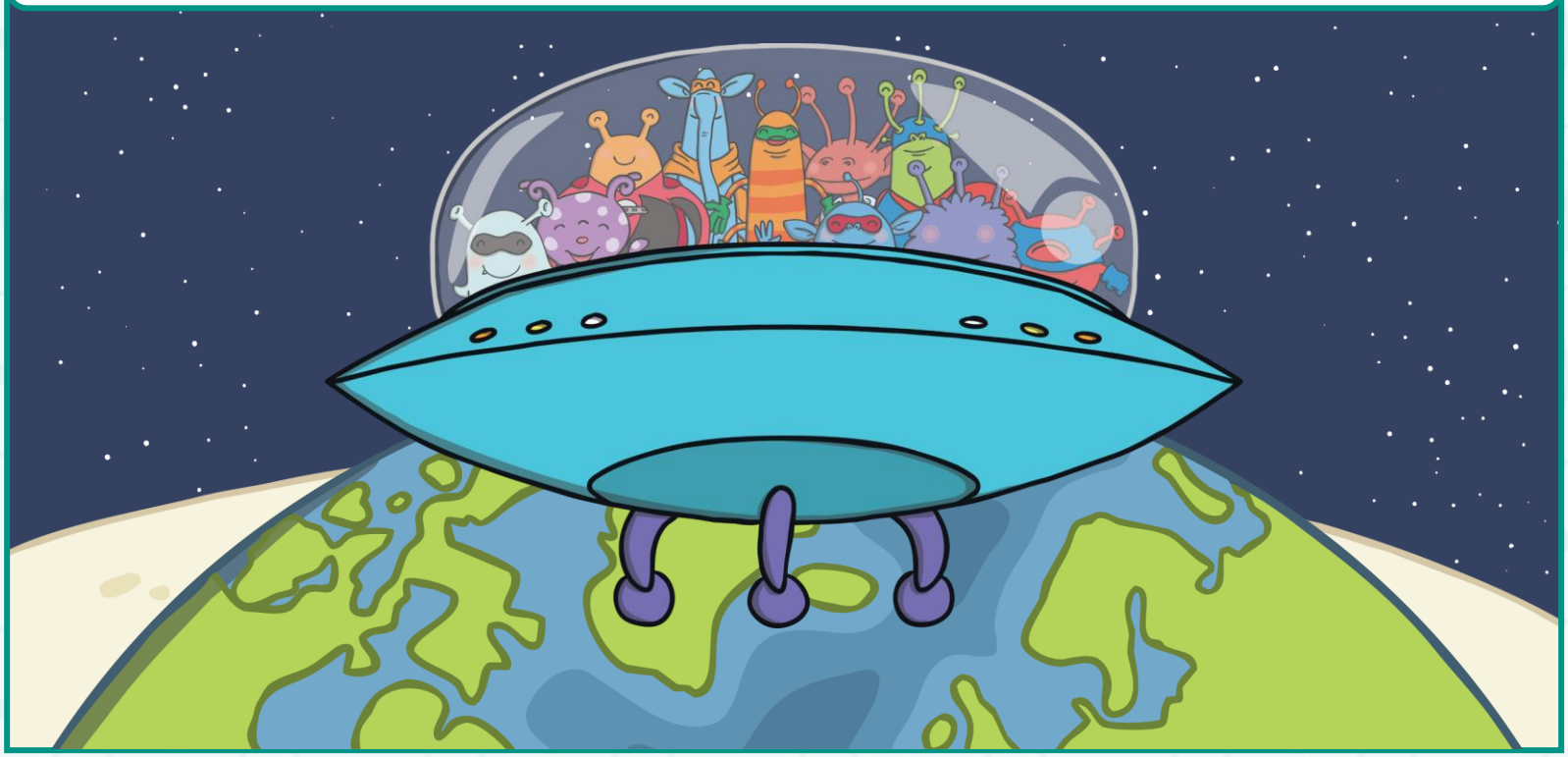
$9 = \boxed{0} + 9$

9	
6	3



Alien Visit

How many like the sights so decide to stay
and how many fly away again?



Alien Visit

Alien Visit

$9 + 1 = 10$

9

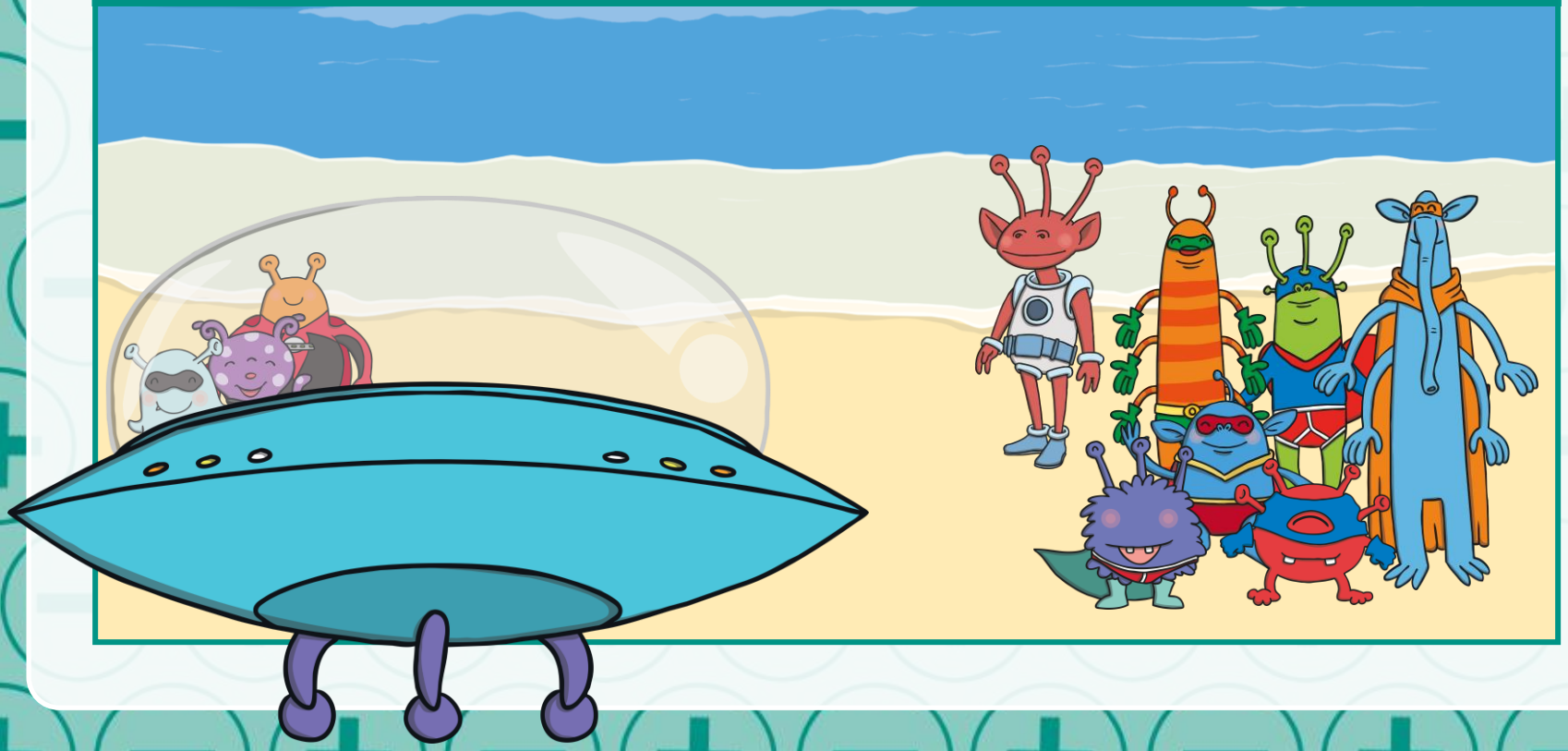
Alien Visit

Alien Visit

Whole Class

$7 + 3 = 10$

7

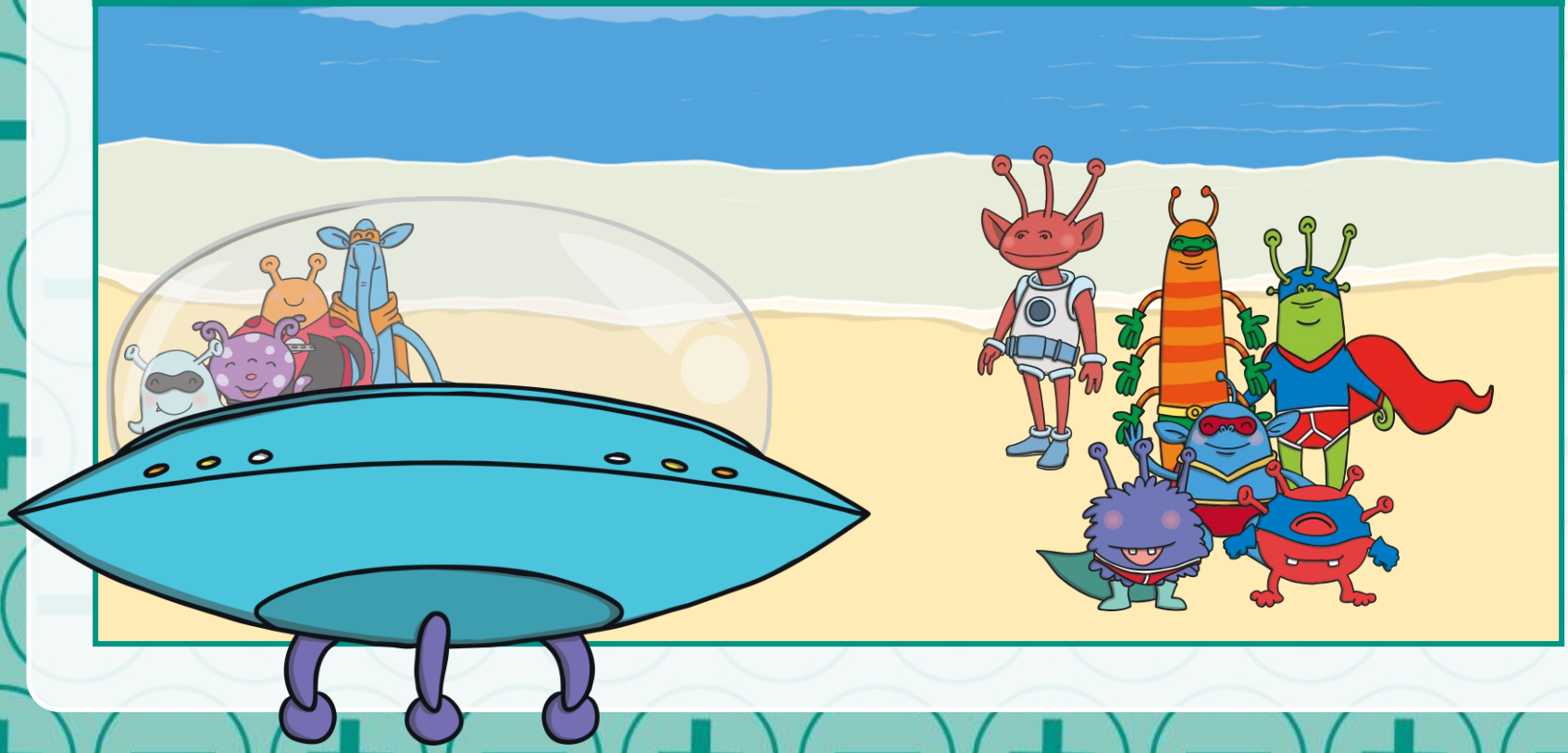


Alien Visit

Whole Class

$6 + 4 = 10$

6



Alien Visit

$5 + 5 = 10$

5

Alien Visit

$4 + 6 = 10$

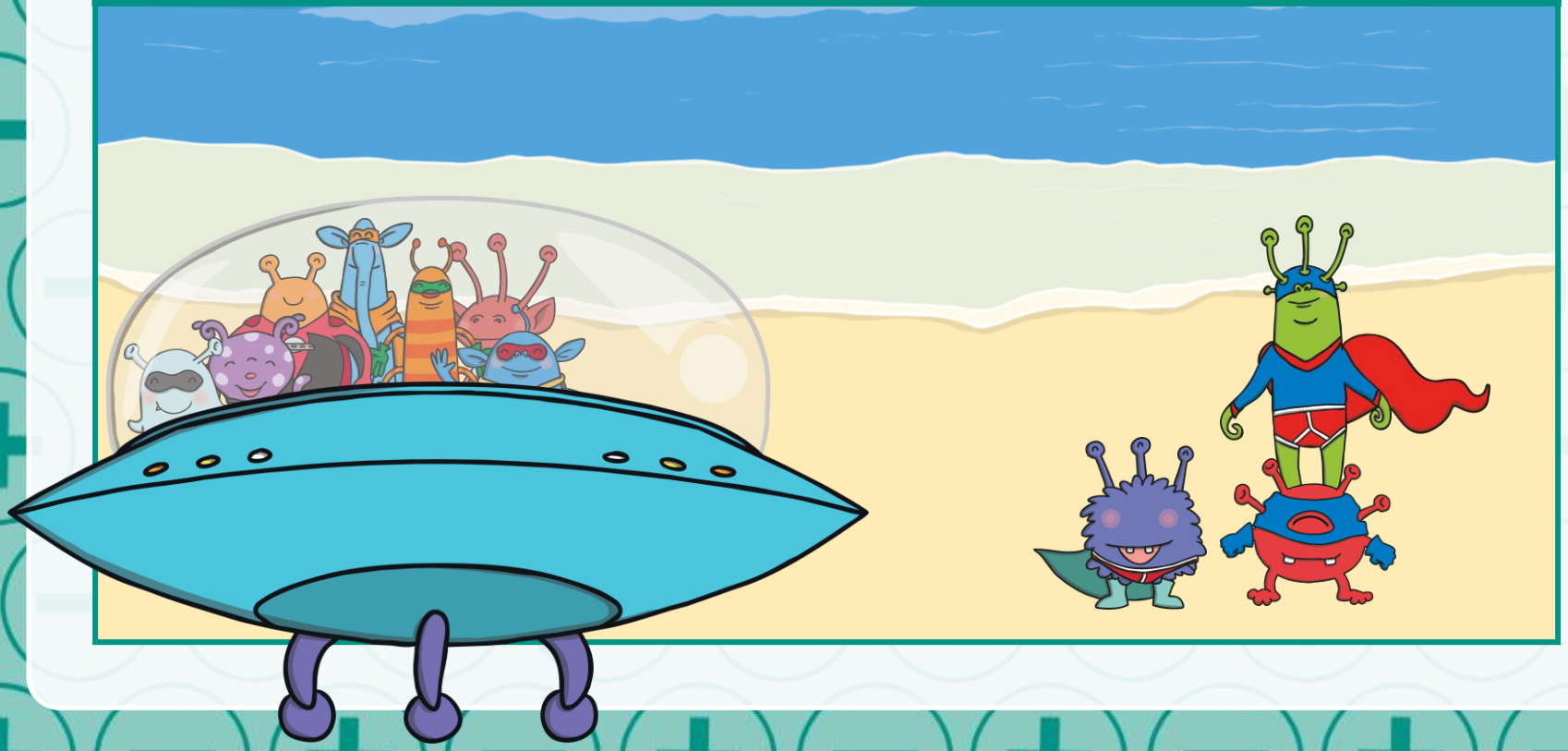
4

Alien Visit

Whole Class

$3 + 7 = 10$

3



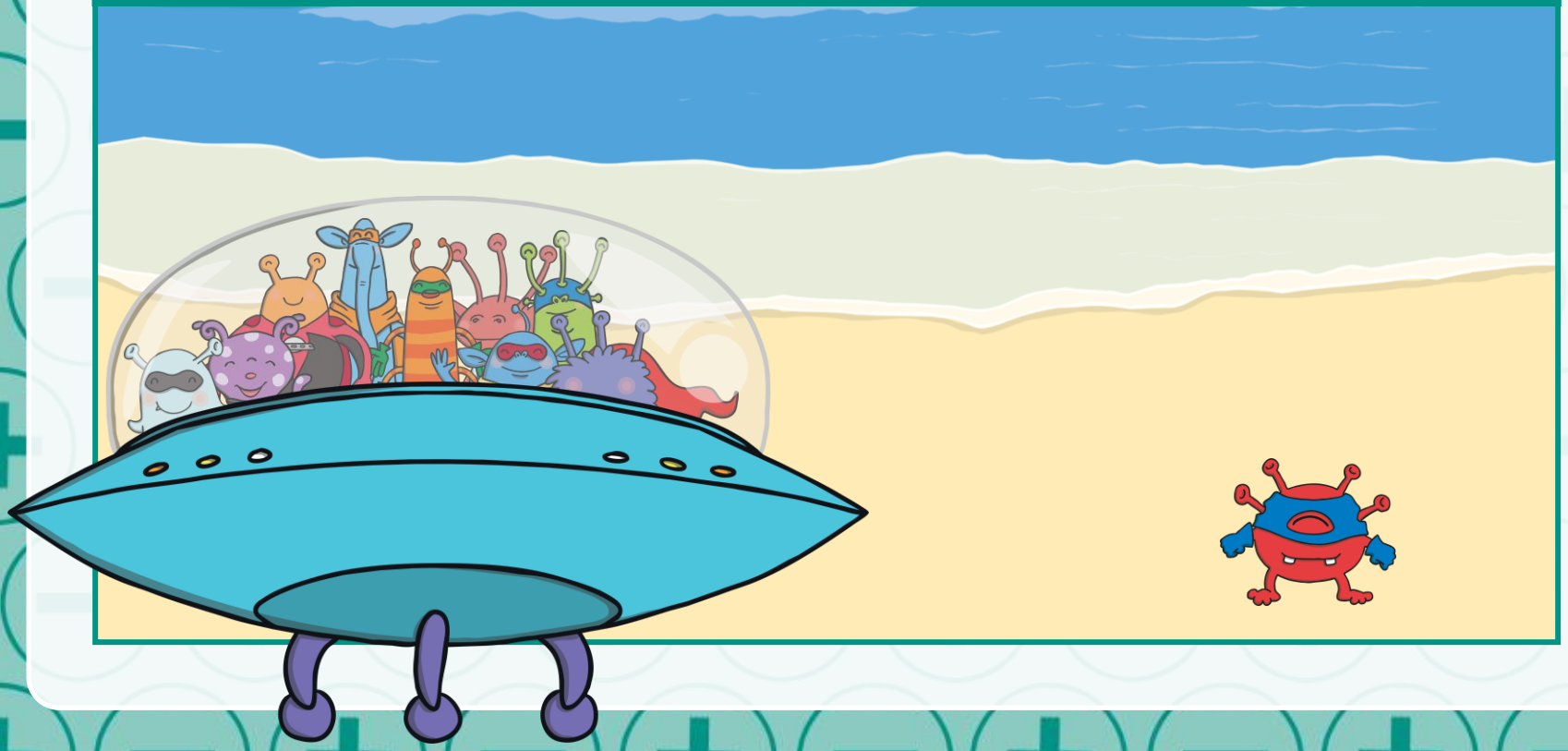
Alien Visit

Alien Visit

Whole Class

$1 + 9 = 10$

1



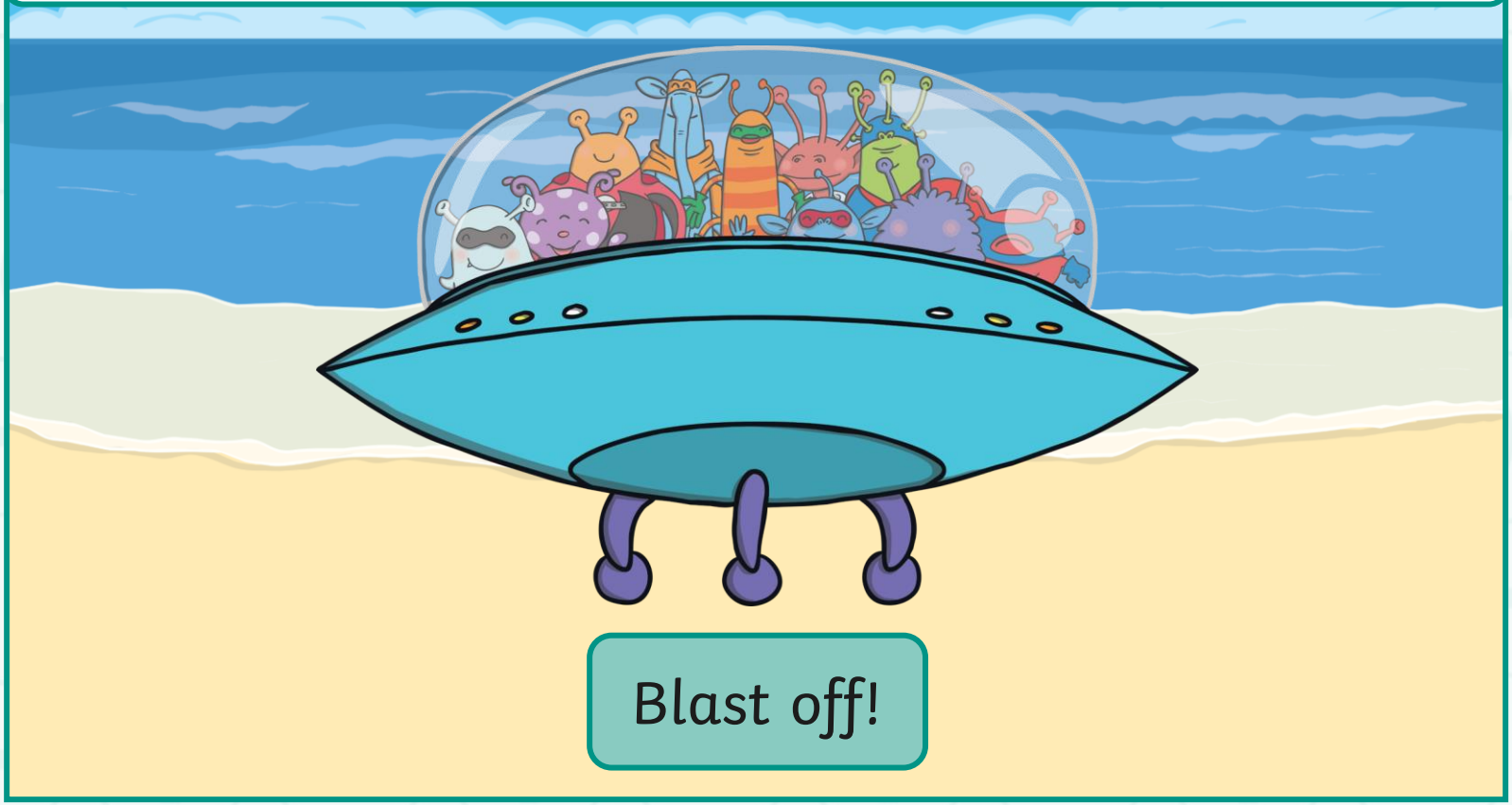
Alien Visit

$$0 + 10 = 10$$

0

Alien Visit

All the aliens have decided to fly away!



Blast off!

Number Bonds of 10

0 + 10 = 10

1 + 9 = 10

2 + 8 = 10

3 + 7 = 10

4 + 6 = 10

5 + 5 = 10

6 + 4 = 10

7 + 3 = 10

8 + 2 = 10

9 + 1 = 10

10 + 0 = 10

Can you see a pattern?

Are they all different?

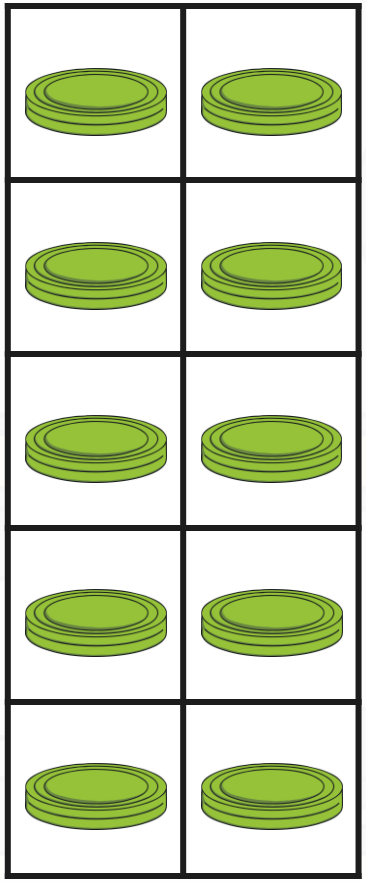
Explain your answers.

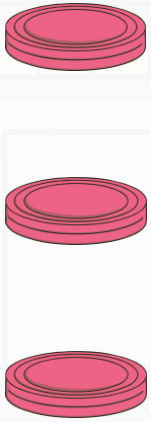
Alien Puzzles

Zog collects 10 green lightbulbs. He swaps 3 for pink lightbulbs.
How many green lightbulbs does he still have?

Use your ten-frame to show how you know the answer.

Alien Puzzles



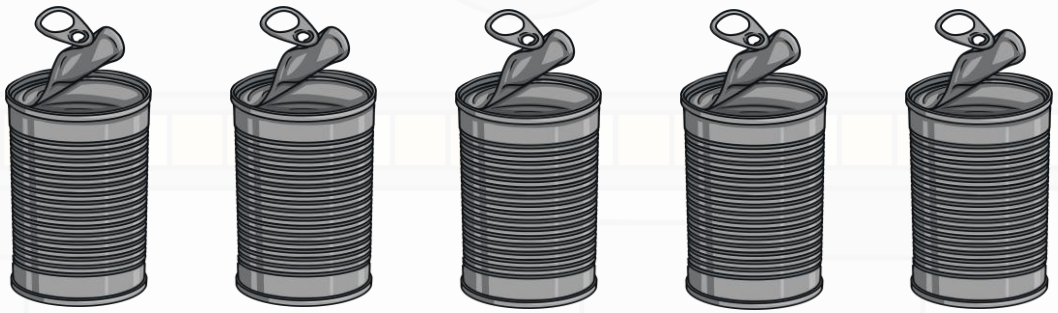


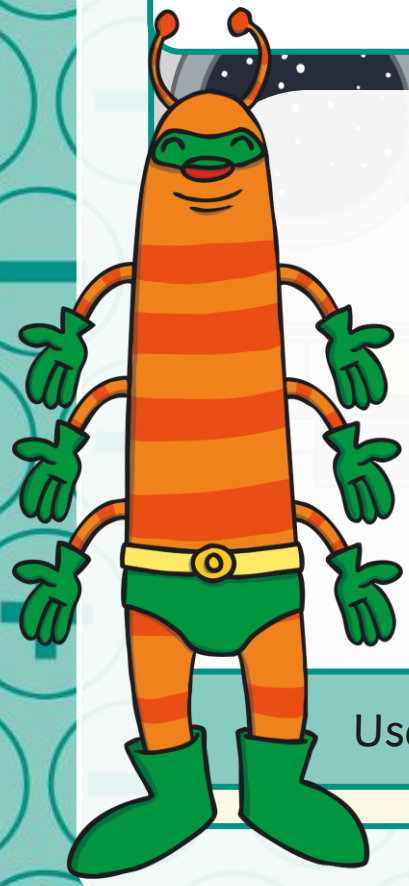
He still has 7 green lightbulbs.

$$10 = 7 + 3$$

Alien Puzzles

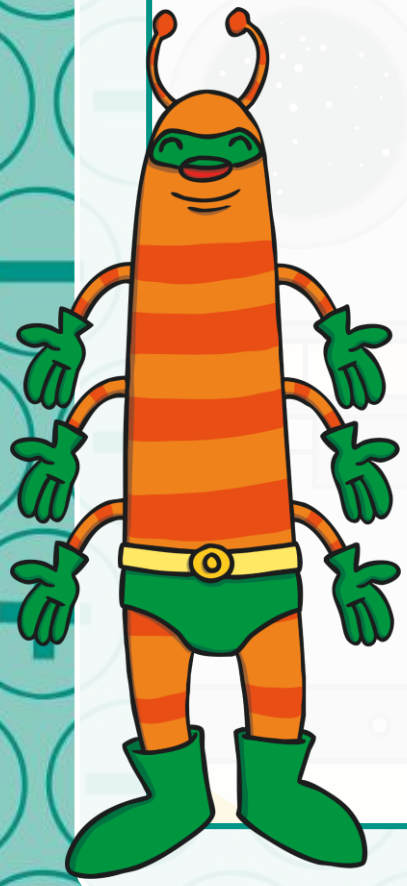
Zag collects 10 tin cans. He keeps 5 and gives some to Zig.
How many does Zag give to Zig?

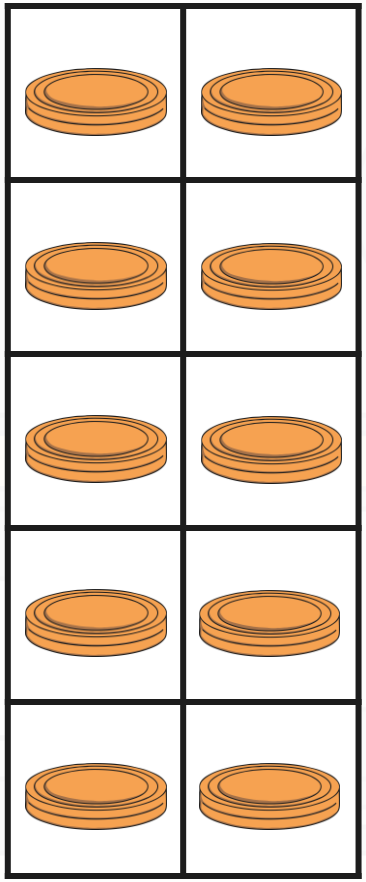




Use your ten-frame to show how you know the answer.

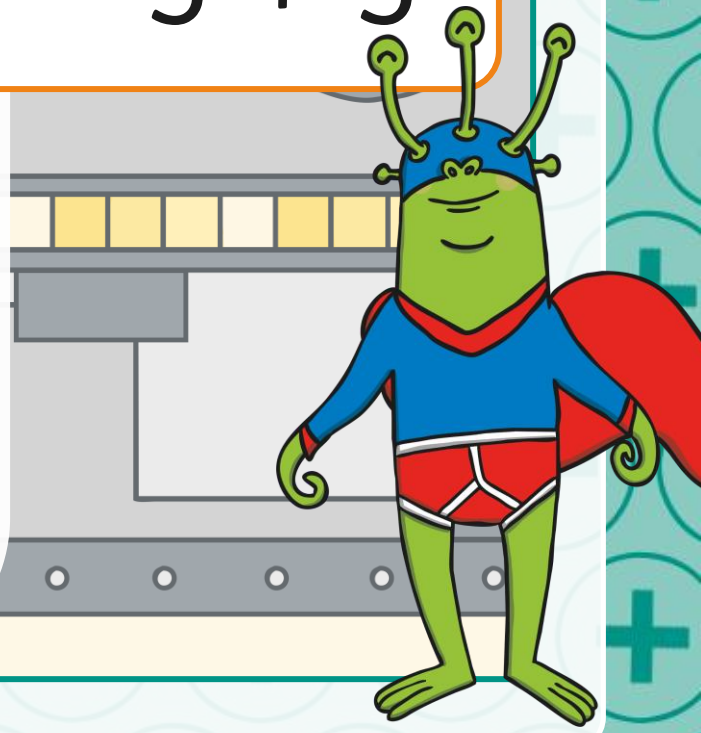
Alien Puzzles





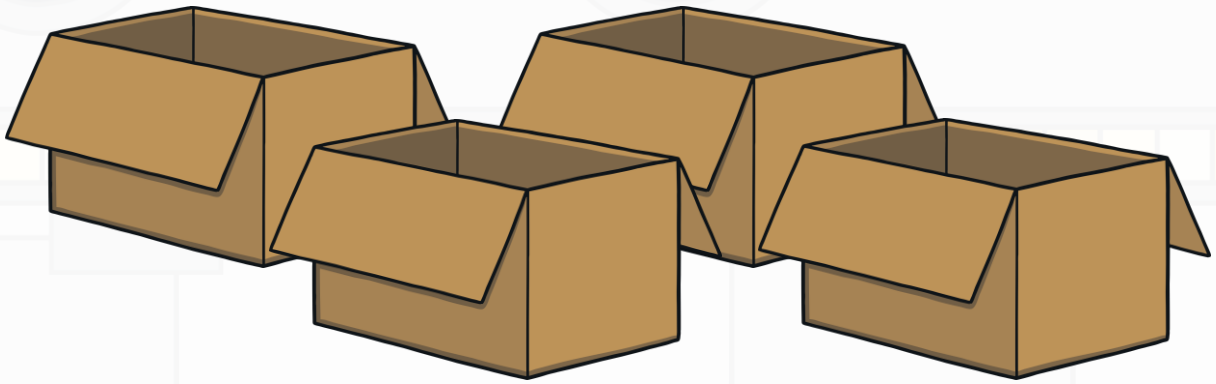
Zag gives Zig 5 tin cans.

$$10 = 5 + 5$$



Alien Puzzles

Zig can fit 10 boxes in the spaceship. He has 4.
How many more can he get?

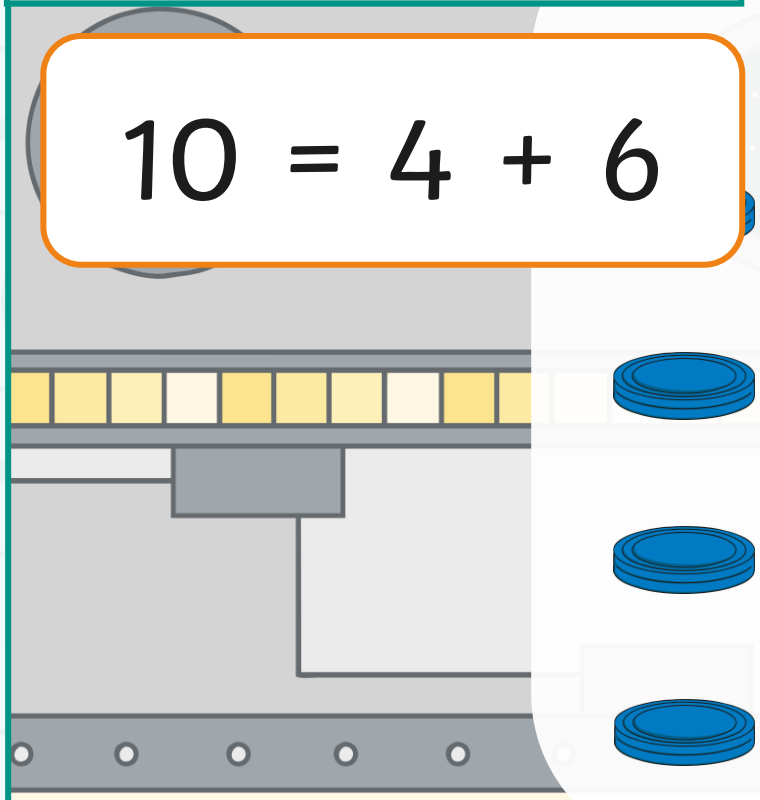


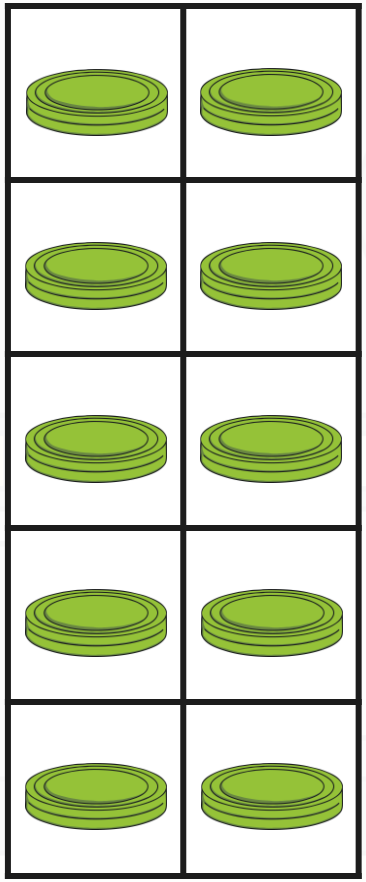
Use your ten-frame to show how you know the answer.

Alien Puzzles

Zig can get 6 more boxes.

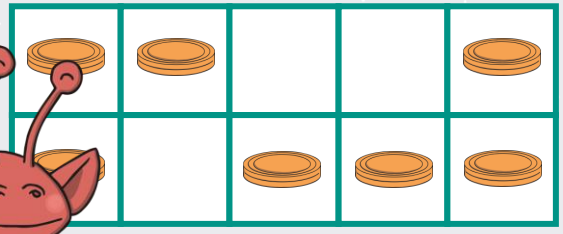
$$10 = 4 + 6$$

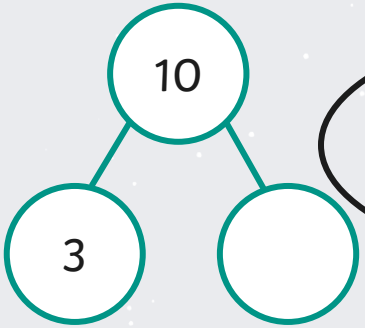


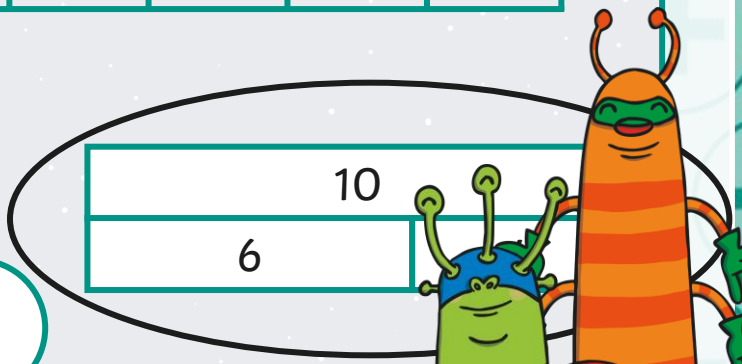


Alien Tricks

Zig, Zag and Zog are playing 'Odd One Out'.
They have made 10 in different ways.



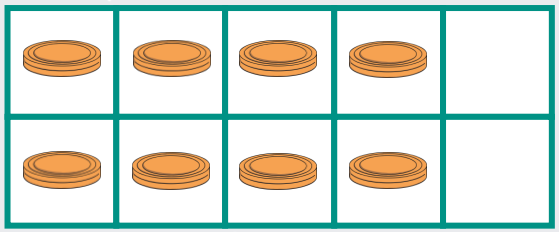


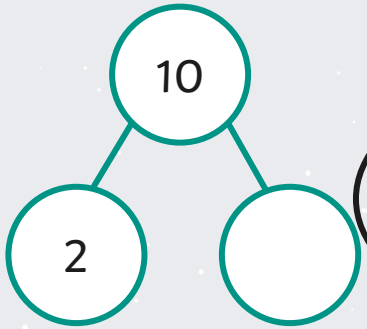


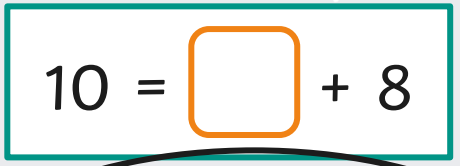
Can you spot the odd one out?

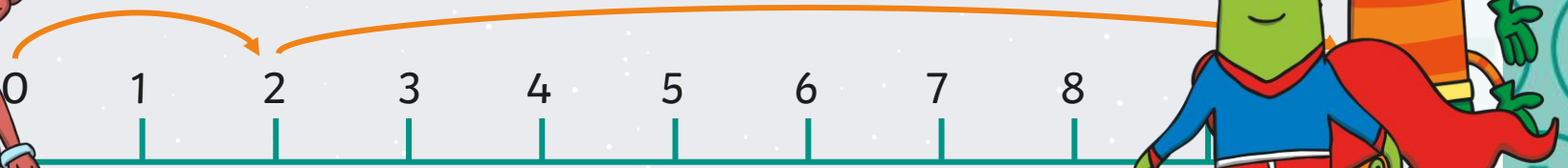
Alien Tricks

Zig, Zag and Zog are playing 'Odd One Out'.
They have made 10 in different ways.





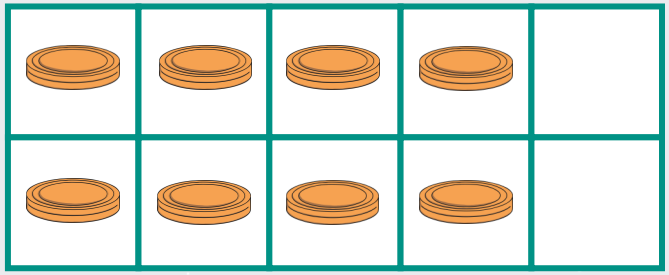


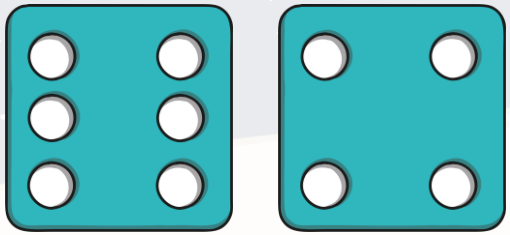


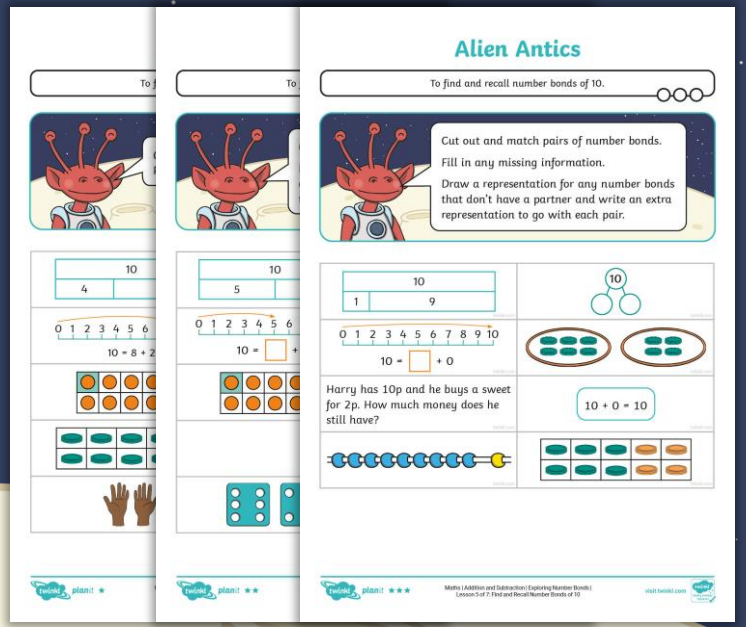
Alien Antics

Find the matching pairs of number bonds.

You might need to fill in some missing information before you can make a pair.

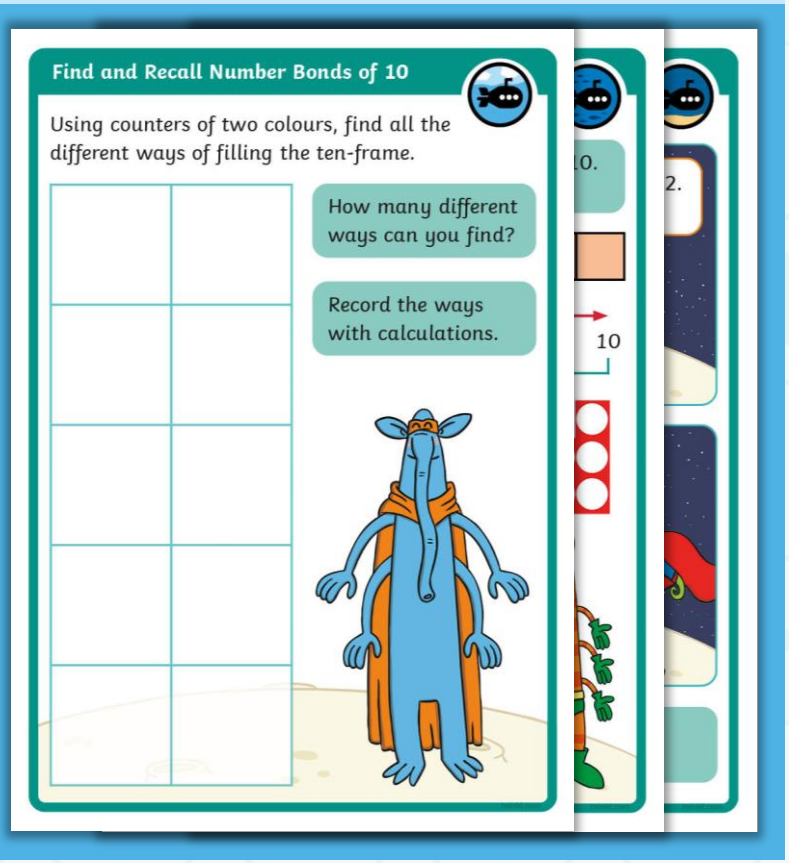






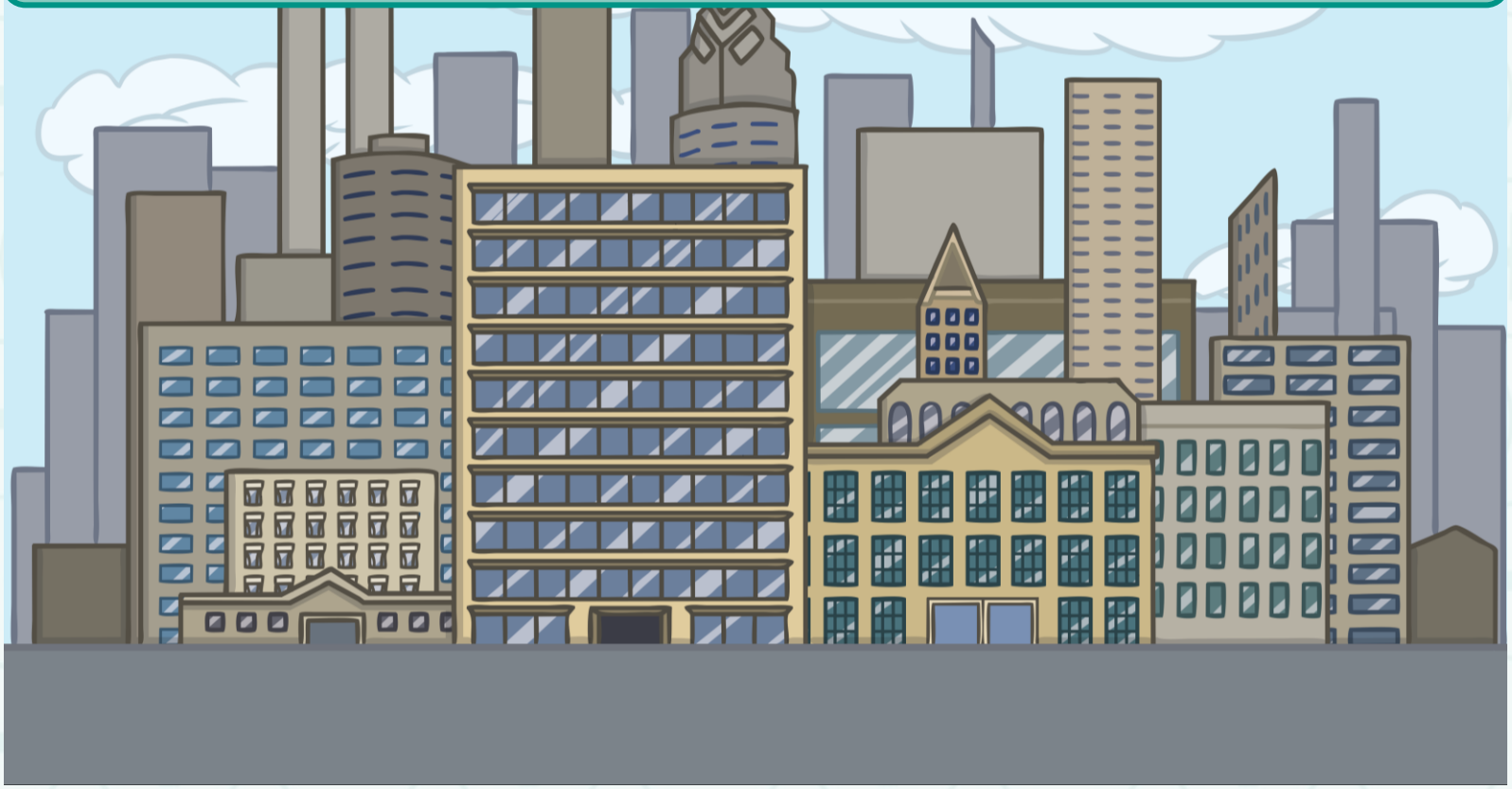
Diving into Mastery

Dive in by completing your own activity!



Sightseeing

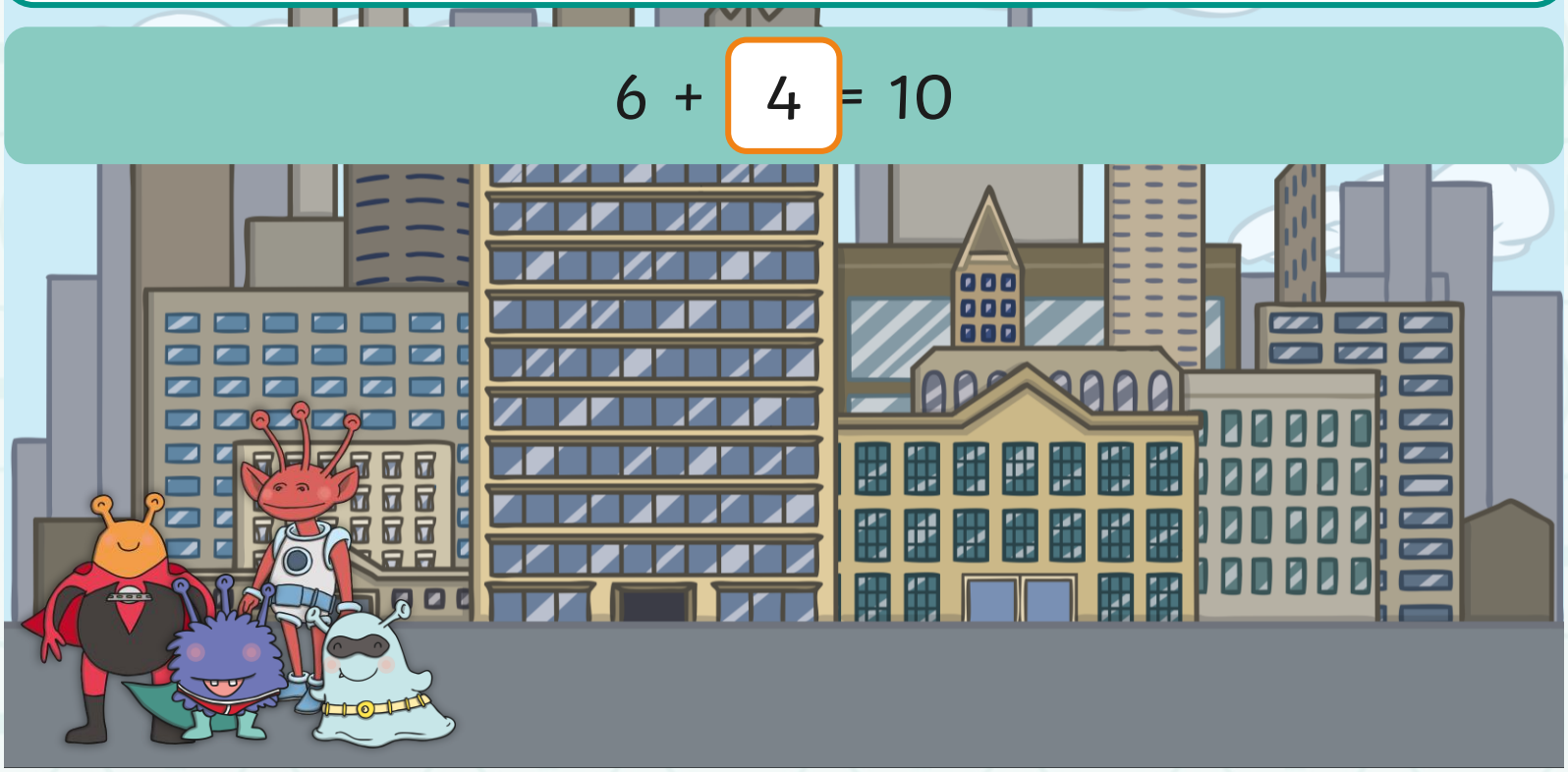
The aliens are looking at the sights. Can you solve their puzzles?



Sightseeing

There are 10 seats on the bus. How many aliens are on the bus?
How many more can go on?

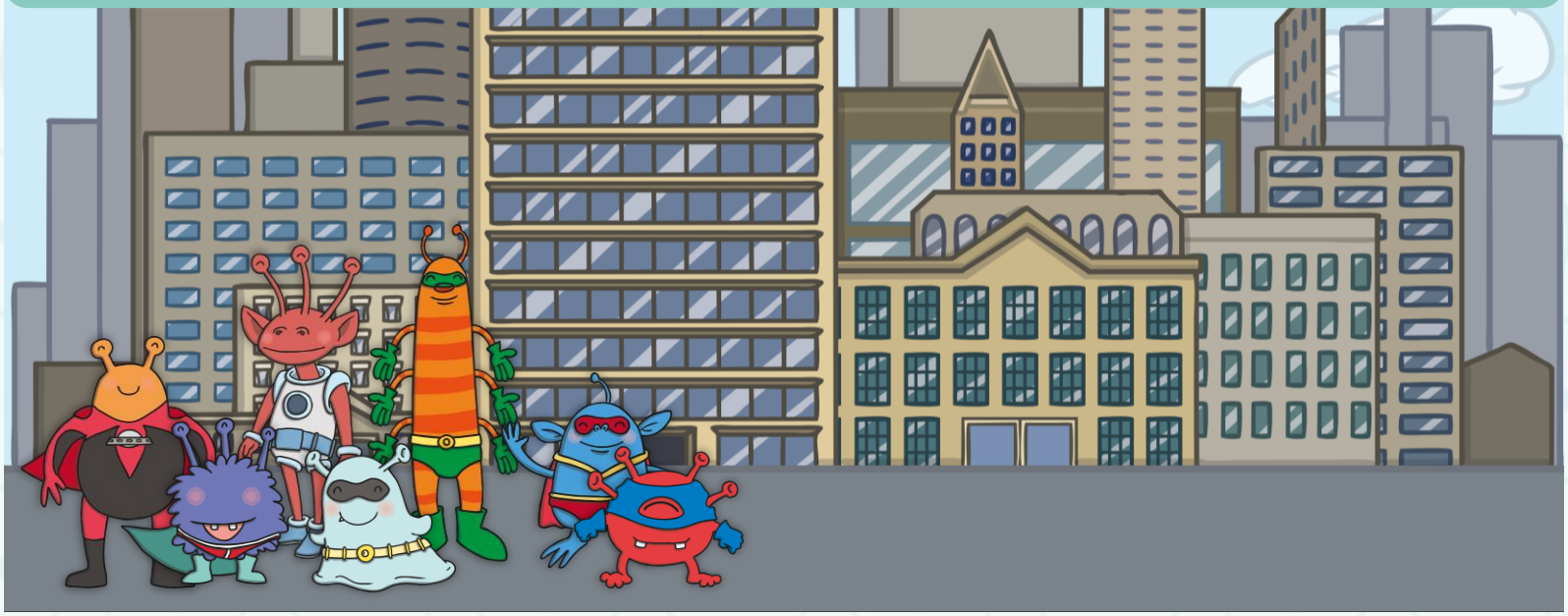
$6 + 4 = 10$



Sightseeing

There are 10 aliens altogether. How many aliens can you see?
How many friends are they waiting for?

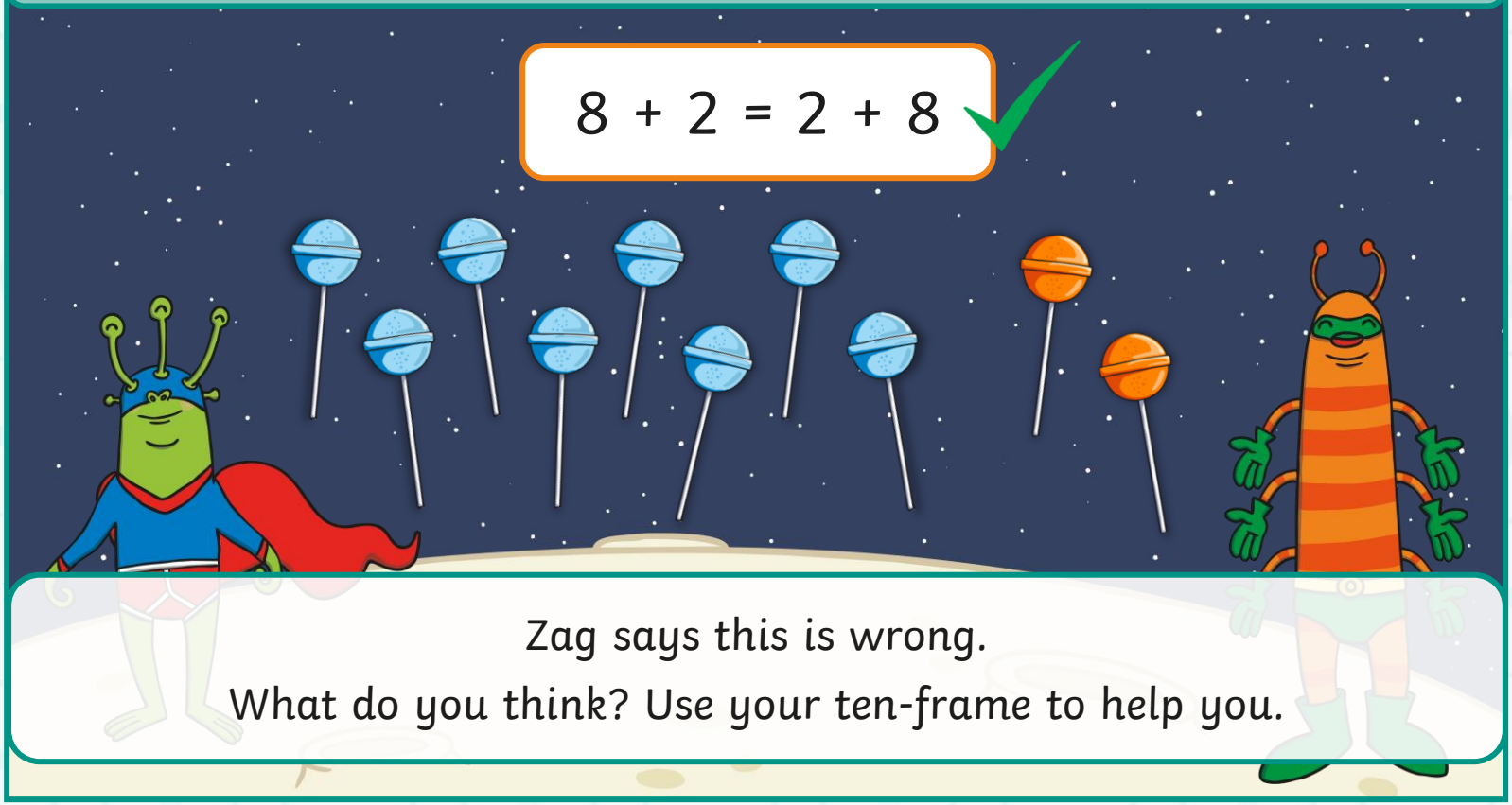
$10 = 7 + \boxed{3}$



Sightseeing

Whole Class

Zig bought 8 lollipops in one shop and 2 in another. He says:



Zag says this is wrong.

What do you think? Use your ten-frame to help you.

Aim

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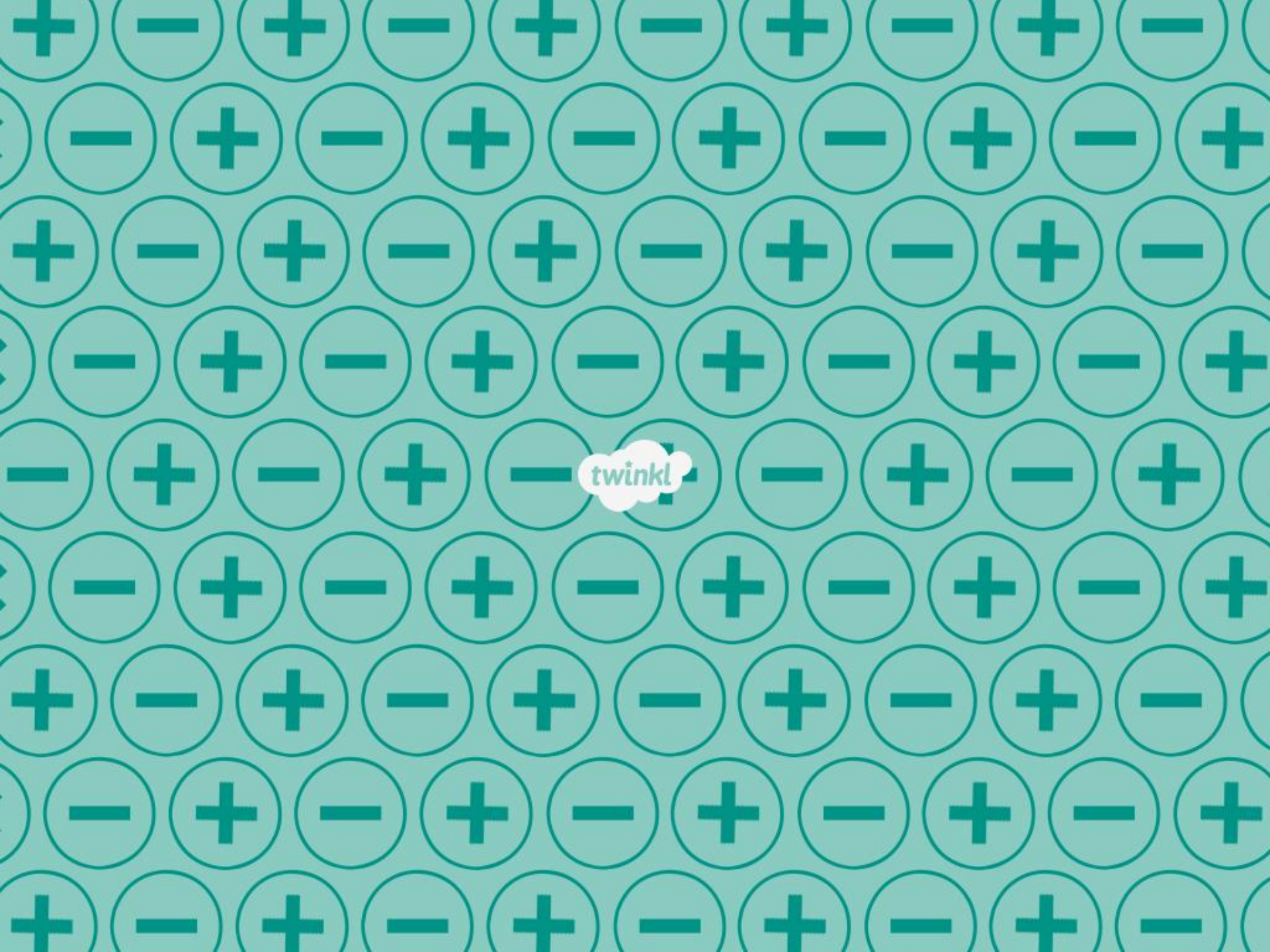
Success Criteria

- I can find number bonds of 10 by adding two numbers.
- I can recall number bonds of 10.
- I can work systematically to find all possibilities.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