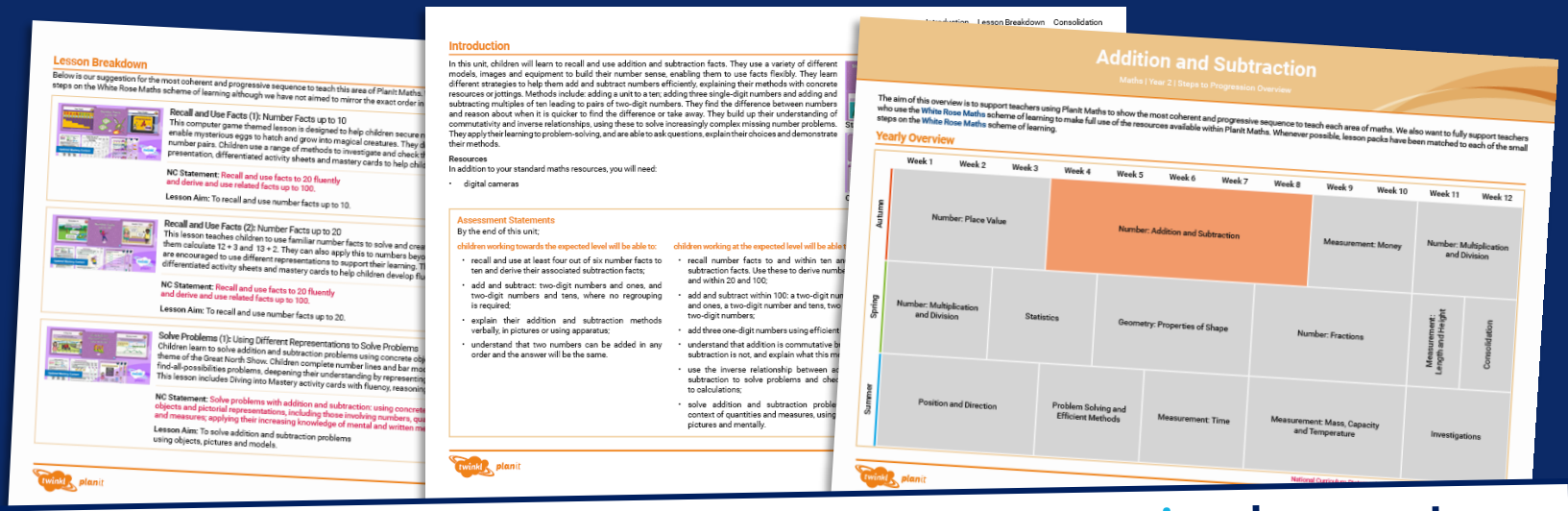
Maths

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.

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Add and Subtract 9

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Quality Standard
Approved

Aim

- To add and subtract 9 from any 2-digit number.

Success Criteria

- I can add 9.
- I can subtract 9.
- I can spot a pattern.
- I can explain the pattern and use it to help me.

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Remember It

Turn over 2 cards and make a 2-digit number.

Add 10 to your number. Subtract 10 from your number.

Write a calculation each time.

Repeat a few times.

I made 74.

7	4

74 + 10 = 84

74 – 10 = 64

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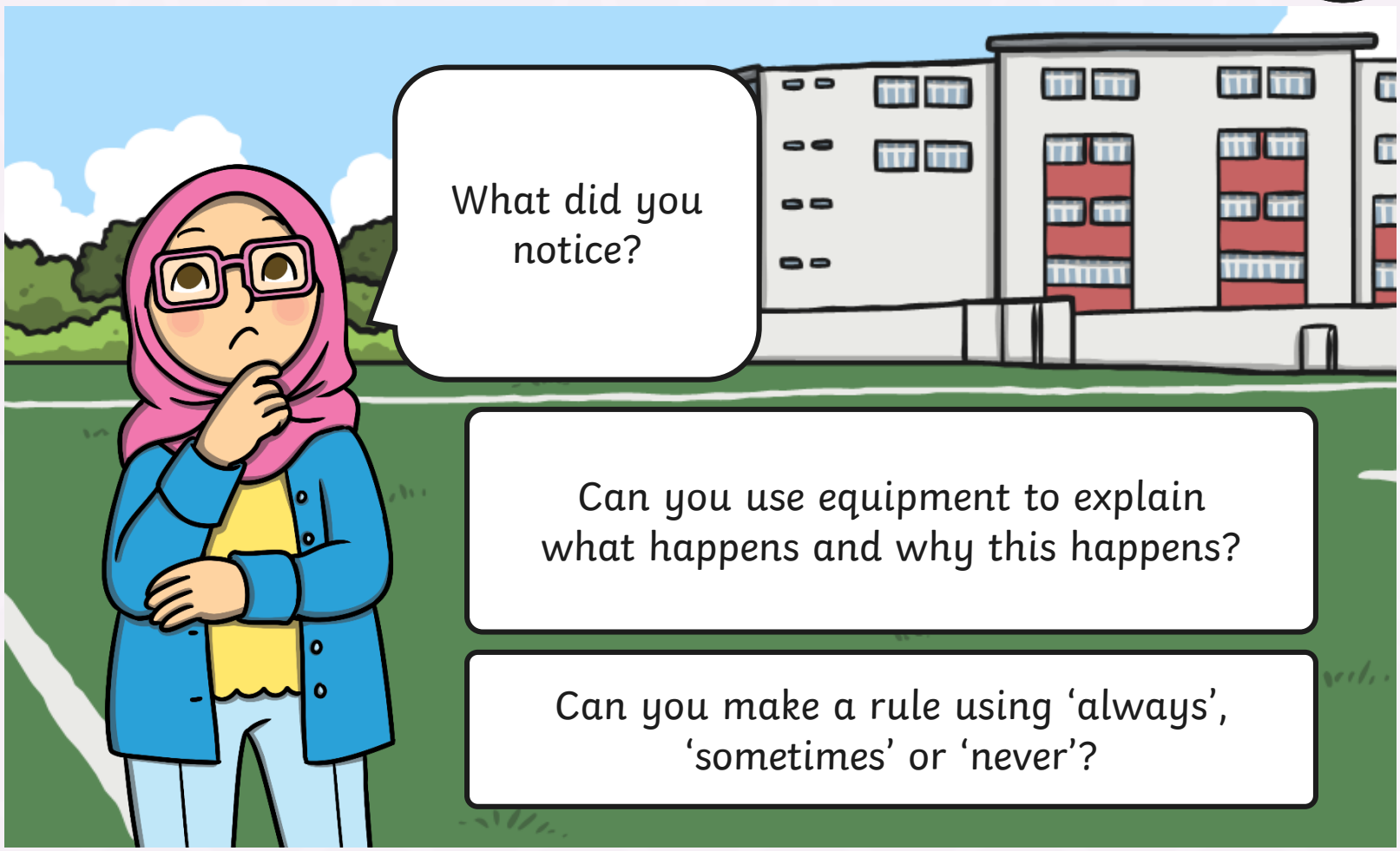
Remember It



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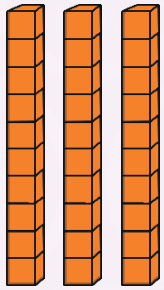
Adding Ten

21 + 10 = **31**

Tens	Ones
 3	 1

What happened to the tens column? What happened to the ones column? Why did this happen?

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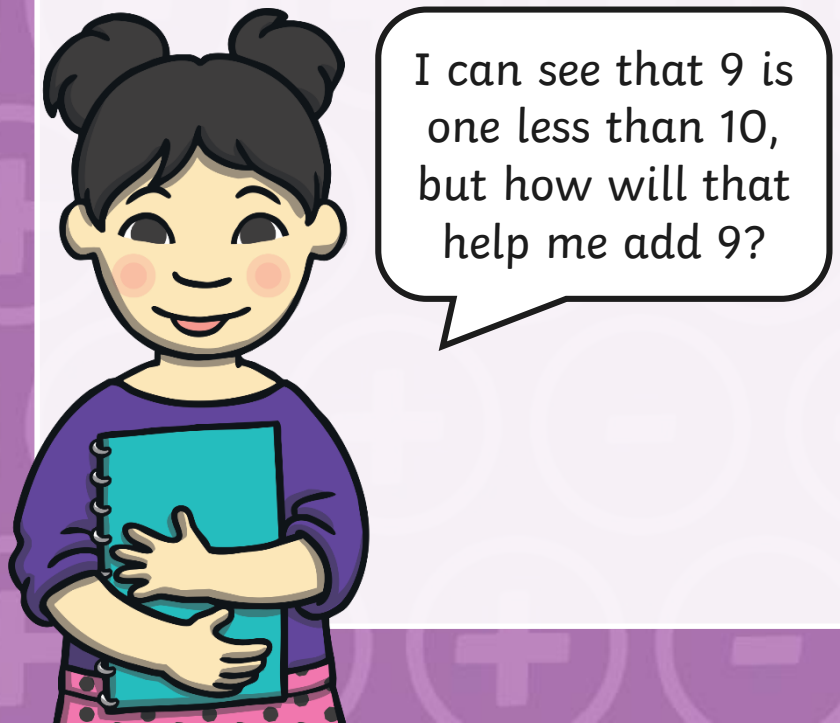
Adding Nine

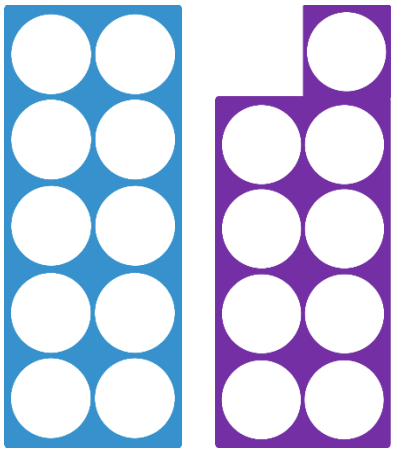
Whole Class

What do you think will happen when we add 9?

Compare 9 to 10.

What do you notice?





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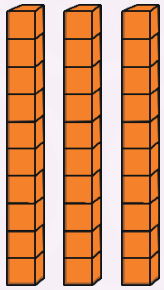
Adding Nine

I need to add 9 so first I add 10.

23 + 9 = **32**

Tens	Ones
	
3	3

9 is one less than 10 so now I need to take 1 away.

What happened in the tens column? What happened in the ones column? Why did this happen?

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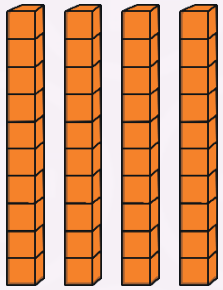
Adding Nine

Whole Class

I need to add 9 so first I add 10.

35 + 9 = **44**

Tens	Ones
	
4	5

9 is one less than 10 so now I need to take 1 away.

What happened in the tens column? What happened in the ones column? Why did this happen?

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Practise

Choose a colour and complete each calculation.

24 + 9 =	33	22 + 9 =	31	9 + 9 =	18
34 + 9 =	43	23 + 9 =	32	18 + 9 =	27
44 + 9 =	53	24 + 9 =	33	27 + 9 =	36
54 + 9 =	63	25 + 9 =	34	36 + 9 =	45
64 + 9 =	73	26 + 9 =	35	45 + 9 =	54

What did you notice? Why does this happen?

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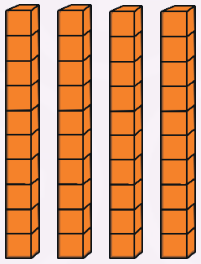
Subtracting Ten

40 – 10 = **30**

Tens	Ones
 4	0

What happened to the tens column? What happened to the ones column? Why did this happen?

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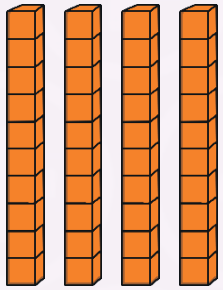
Subtracting Nine

I need to subtract 9 so first I subtract 10.

45 – 9 = **36**

I have taken away 1 too many so now I need to add one back on.

Tens	Ones
	
4	6

What happened in the tens column? What happened in the ones column? Why did this happen?

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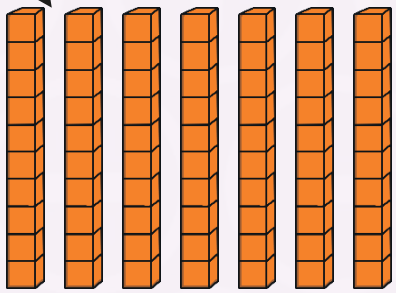
Subtracting Nine

Whole Class

I need to subtract 9 so first I subtract 10.

74 – 9 = **65**

I have taken away 1 too many so now I need to add one back on.

Tens	Ones
	
7	5

What happened in the tens column? What happened in the ones column? Why did this happen?

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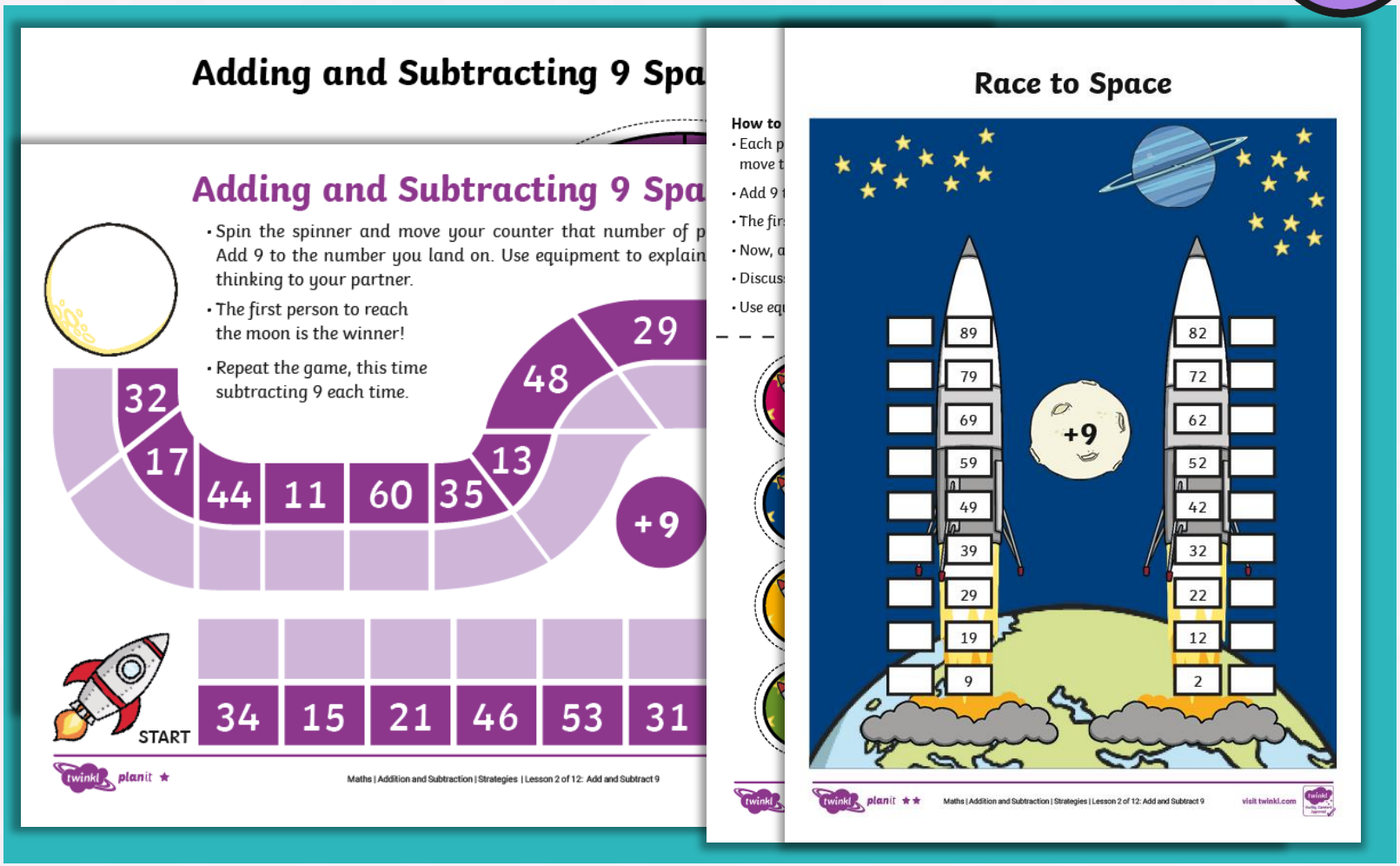
Space Race



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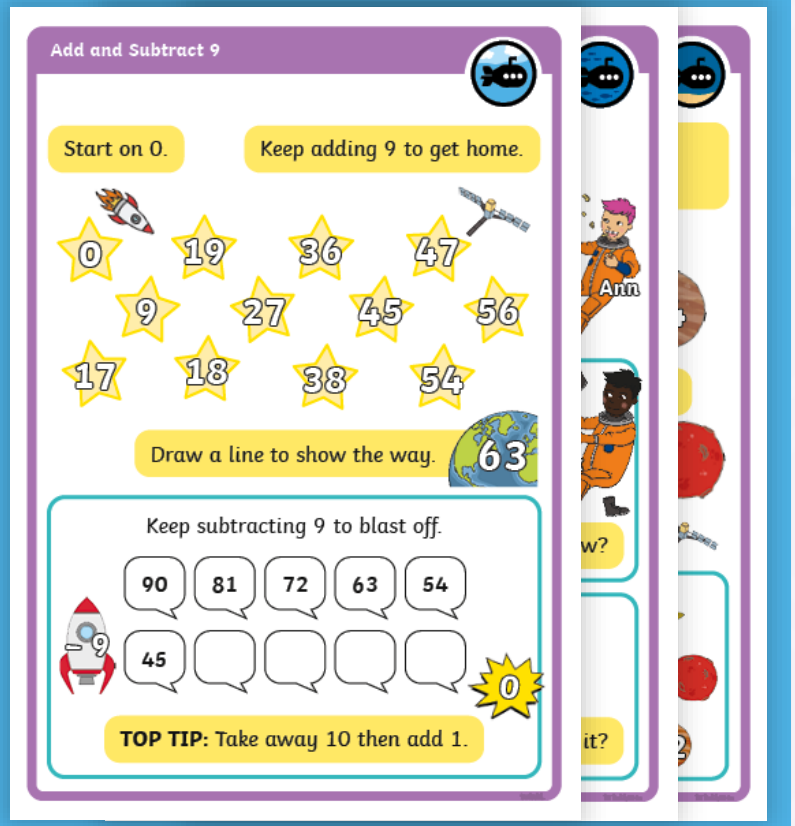
Diving into Mastery

Dive in by completing your own activity!



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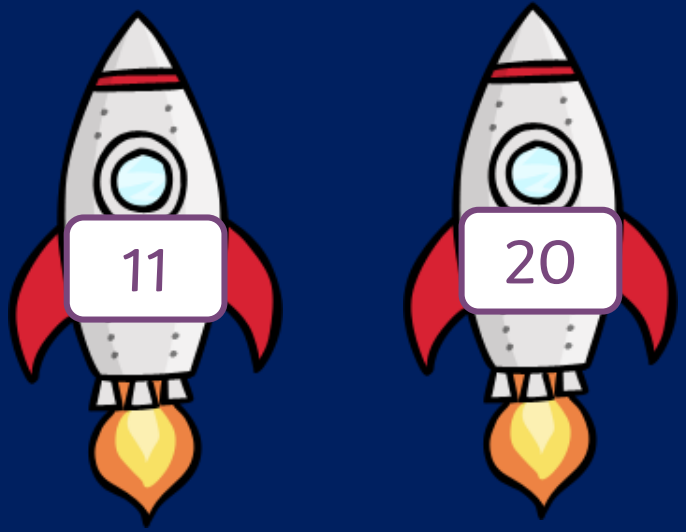
Space Spotting

Whole Class

Do the numbers differ by 9?
Explain how you know.



Reveal

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Space Spotting

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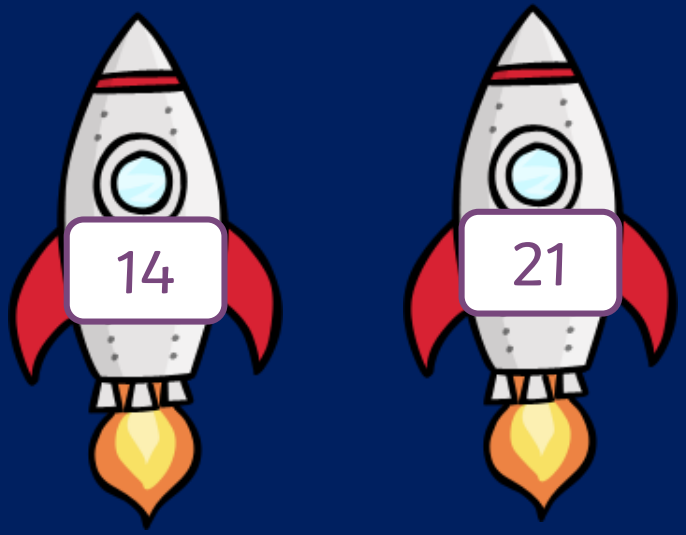

Reveal

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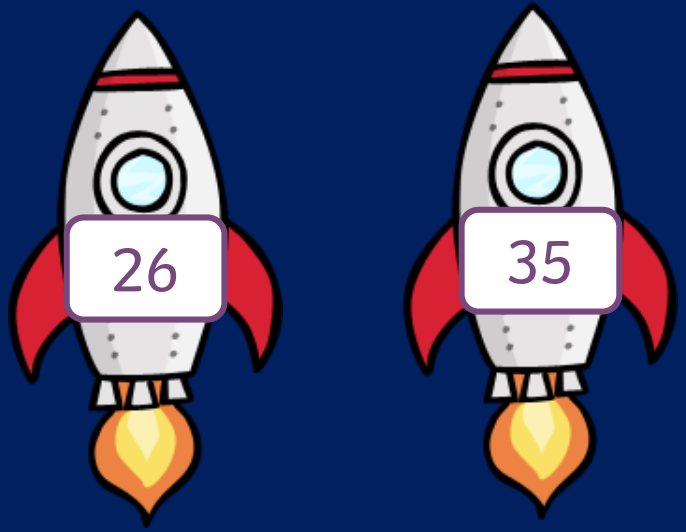

Reveal

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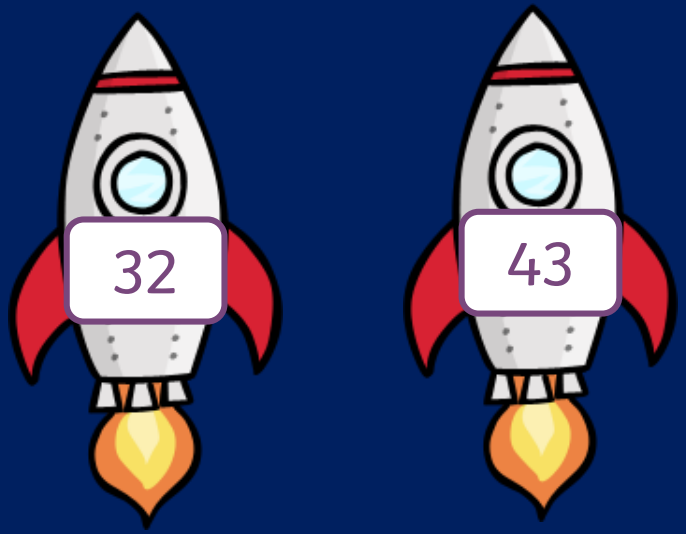

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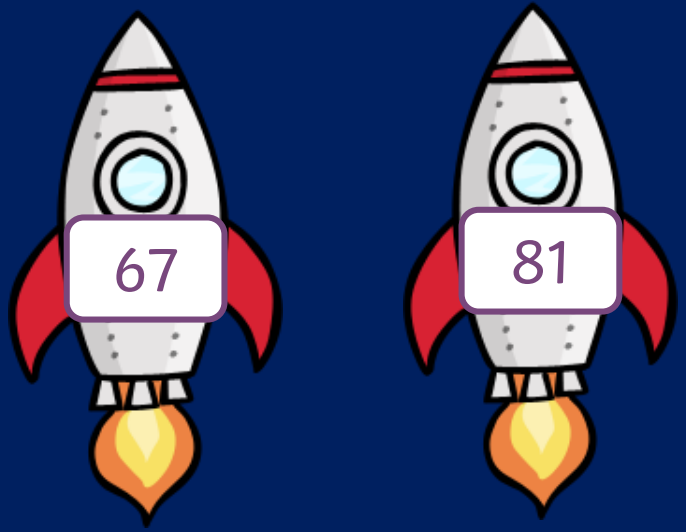

Reveal

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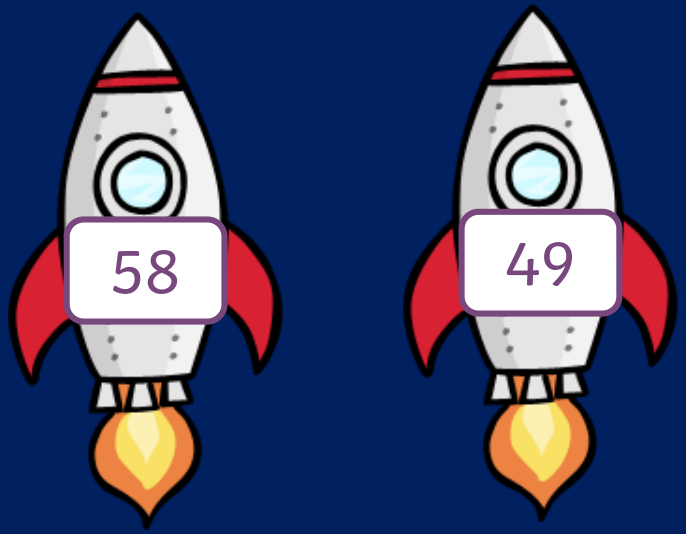

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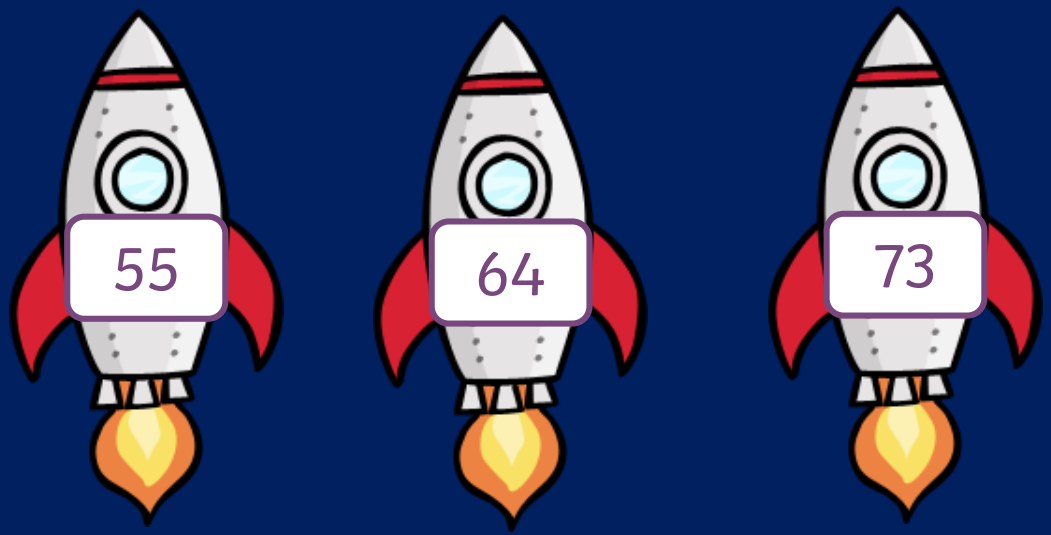

Reveal

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