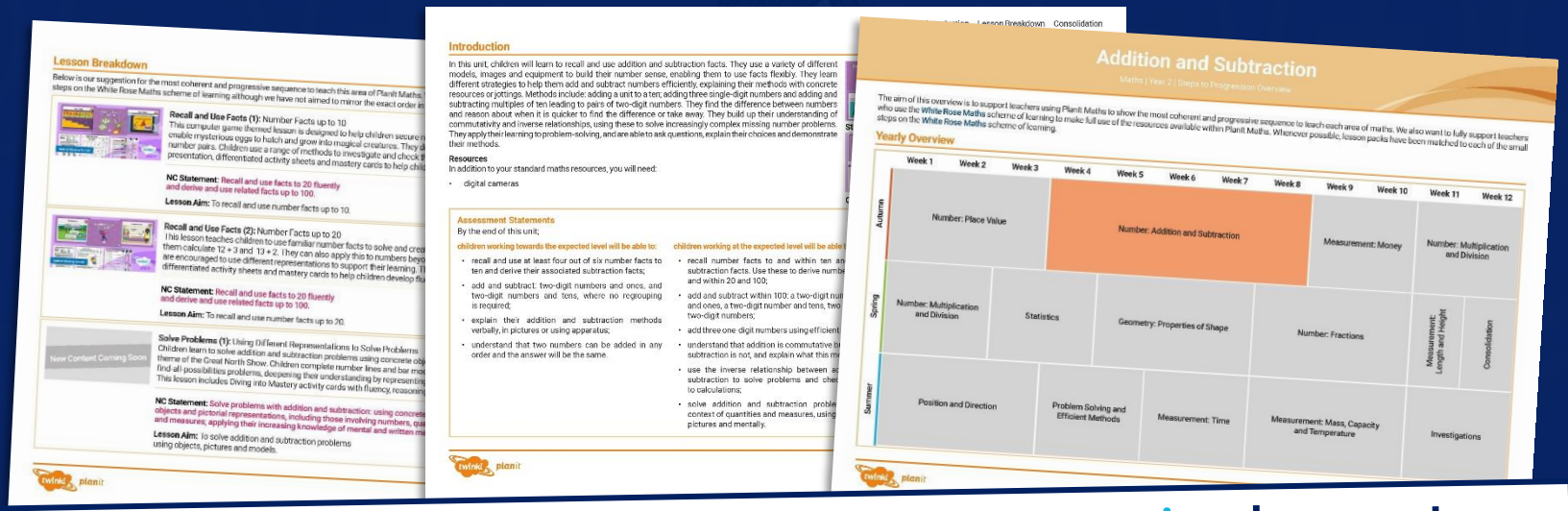
Maths

Addition and Subtraction

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



See our Addition and Subtraction Steps to Progression document.

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Add Three 1-Digit Numbers

Aim

- To add three 1-digit numbers.

Success Criteria

- I can use number facts to add three 1-digit numbers.
- I can use number doubles to add three 1-digit numbers.
- I can select a strategy to add three 1-digit numbers.

Remember It

Minute to win it.

Remember It

Did you find all the possibilities?

Using a number pattern can help.

Remember It

Minute to win it.

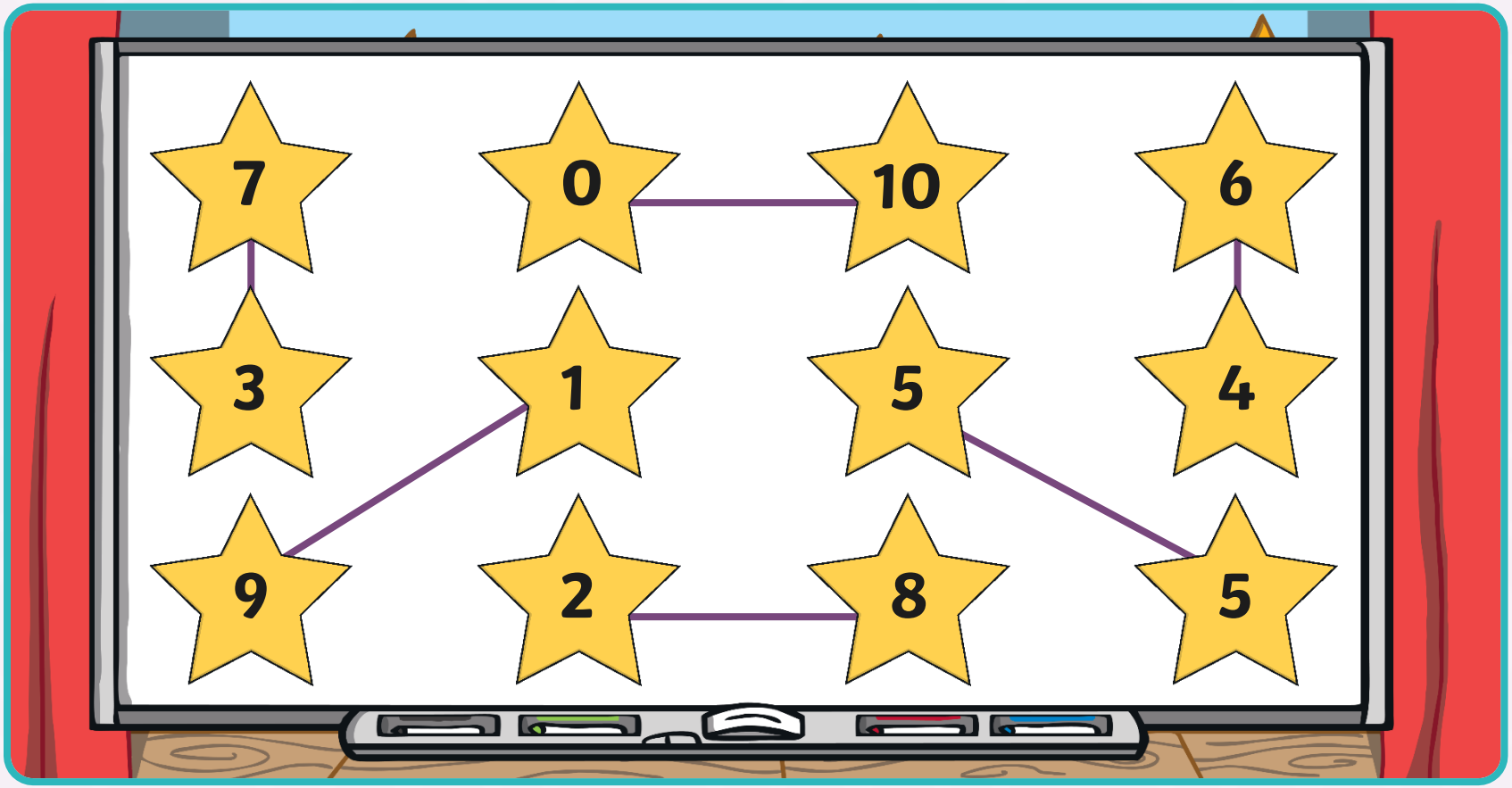
Remember It

How will you know if you've found all the possibilities?

Did you use a number pattern to check?

Remember It

Can you find the pairs of numbers that add together to make 10?

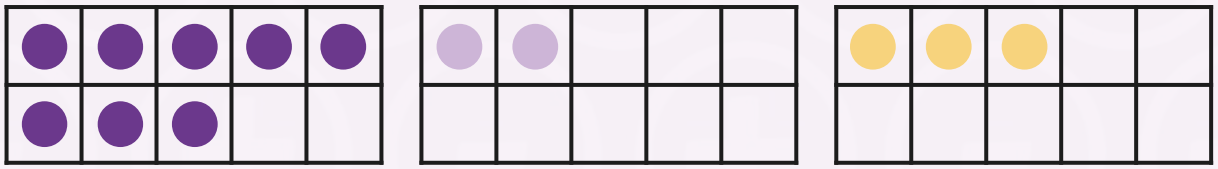


Spot It

Facts of ten can help us add three 1-digit numbers.

Can you spot a number fact of 10 in this calculation?

Make 10 then add the remaining number.

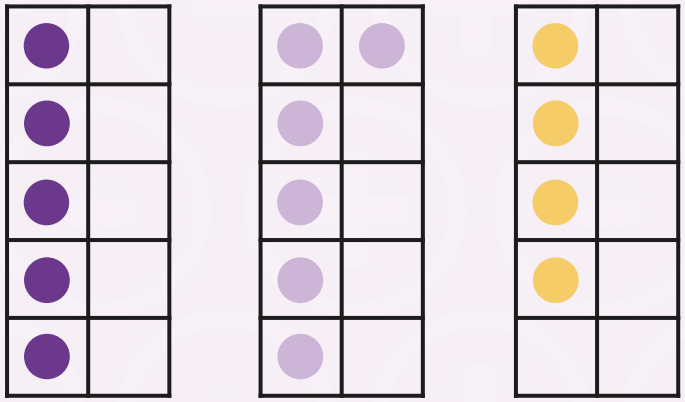


$$8 + 2 + 3 = 13$$

$$10 + 3 = 13$$

Spot It

Make a number fact of ten then add the remaining number.

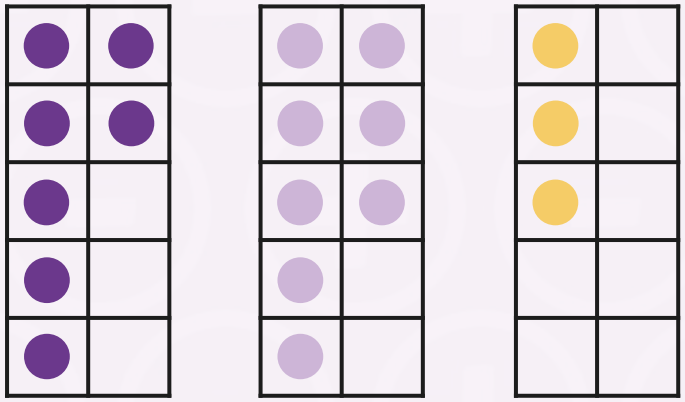


$5 + 6 + 4 = 15$

$5 + 10 = 15$

Spot It

Make a number fact of ten then add the remaining number.



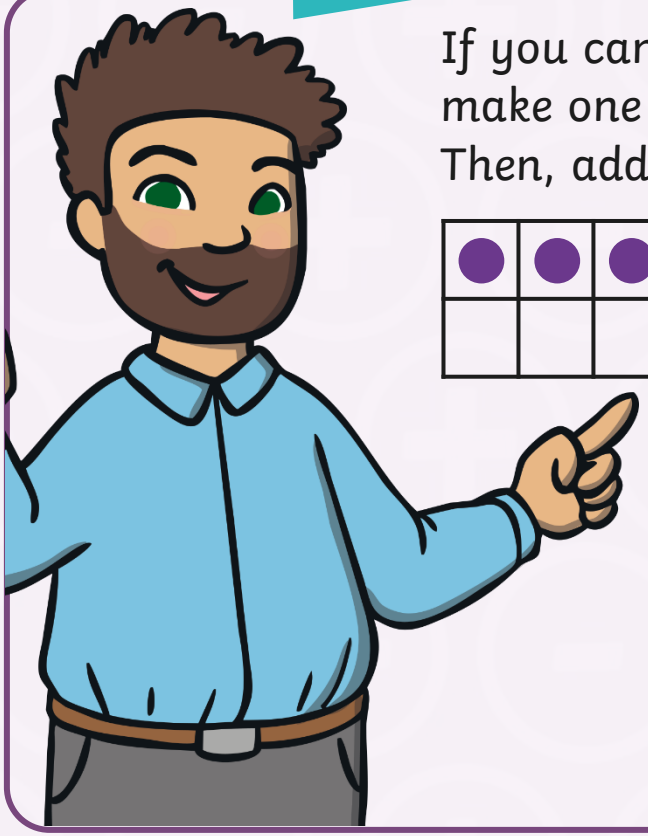
7 + 8 + 3 = 18

10 + 8 = 18

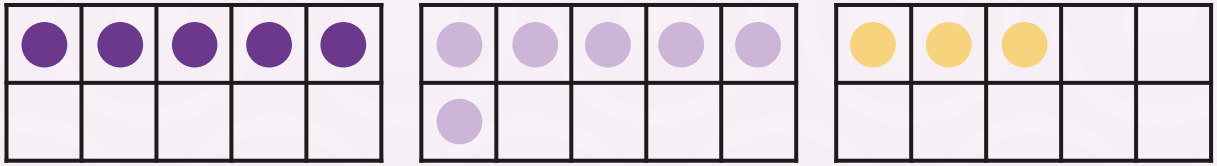
Make It

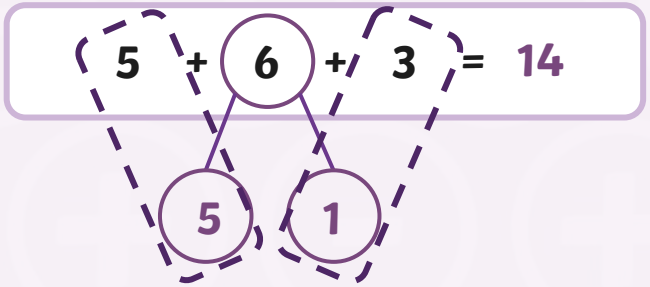
Whole Class

But what if I can't find a number fact of ten?



If you can't see a number fact of ten, you can make one by partitioning a number like this. Then, add the remaining parts.

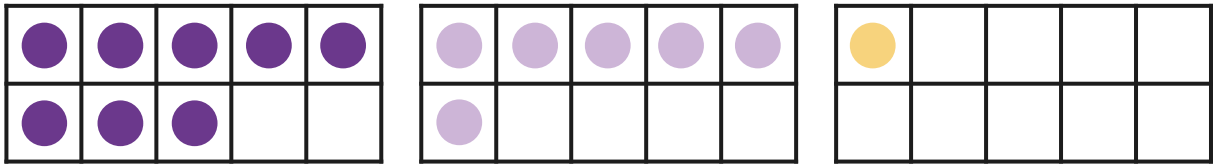


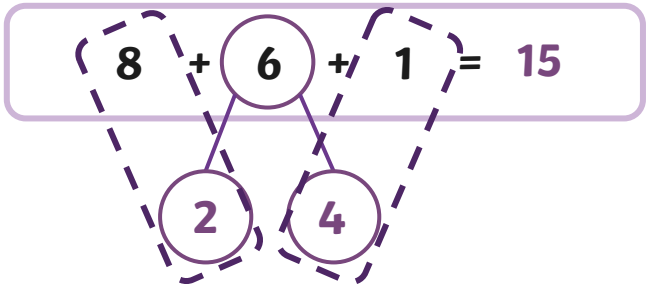


10 + 4 = 14

Make It

Partition a number to make a number fact of ten.
Then, add the remaining numbers.





10 + 5 = 15

Double It

Whole Class

Can you remember these number doubles?

Double It

Some number doubles can be tricky to recall.

Can you spot any patterns that could help?

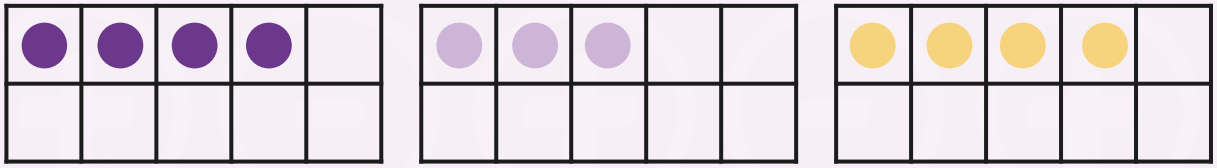
1 + 1 = 2	6 + 6 = 12
2 + 2 = 4	7 + 7 = 14
3 + 3 = 6	8 + 8 = 16
4 + 4 = 8	9 + 9 = 18
5 + 5 = 10	10 + 10 = 20

Double It

Whole Class

Can you spot a number double in this calculation?

Use the number double then add the remaining number.



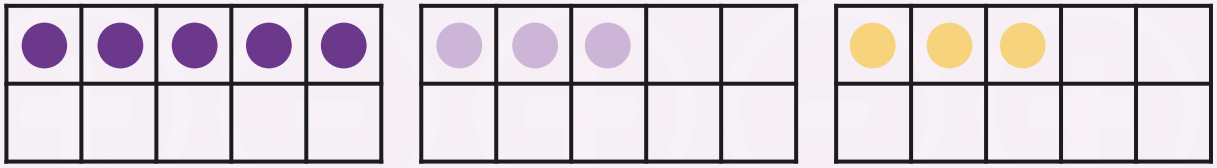
$4 + 3 + 4 = 11$

$8 + 3 = 11$

Double It

Use the number doubles then add the remaining numbers.

Click to reveal the solution.



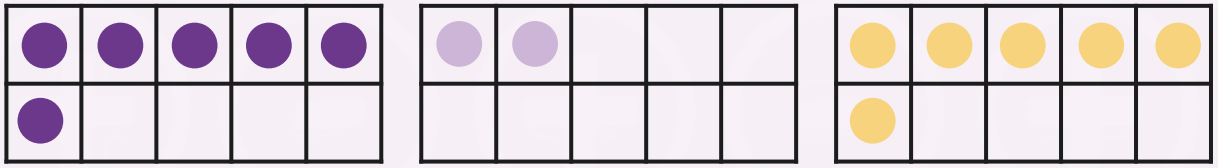
$5 + 3 + 3 = 11$

$5 + 6 = 11$

Double It

Use the number doubles then add the remaining numbers.

Click to reveal the solution.



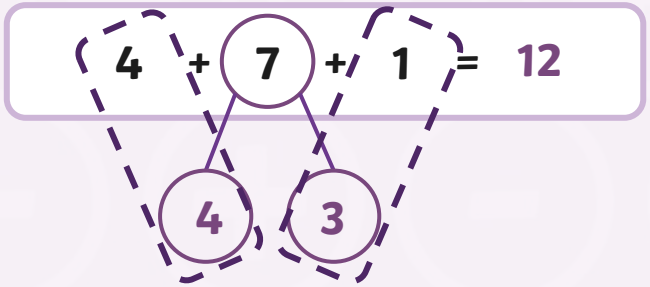
6 + 2 + 6 = 14

12 + 2 = 14

Make It

But what if I can't find a number double?

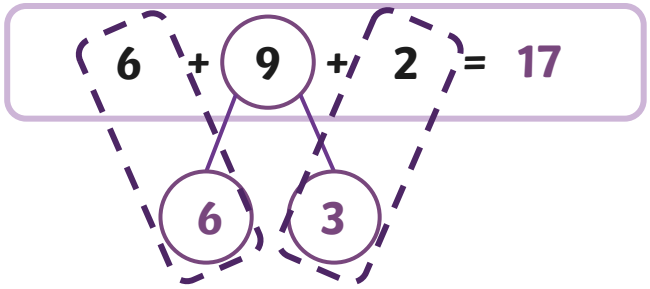
If you can't see a number double, you can make one by partitioning a number like this.



8 + 4 = 12

Make It

Partition a number to make a number double.
Then, add the remaining numbers.



12 + 5 = 17

Try It

Which strategy will you choose to solve each calculation?
Can you explain why you chose that strategy?

Doubles

3 + 2 + 3 = 8

6 + 2 = 8

Facts of ten

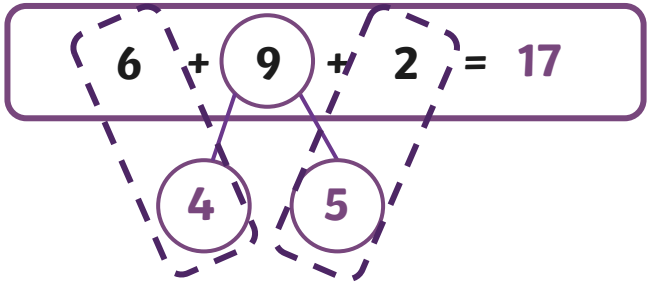
6 + 4 + 2 = 12

10 + 2 = 12

Try It

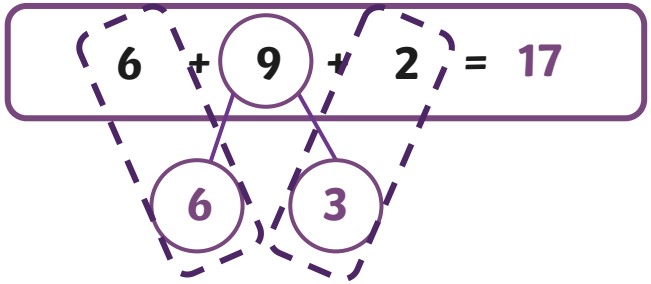
Which strategy will you choose to solve each calculation?
Can you explain why you chose that strategy?

Facts of ten



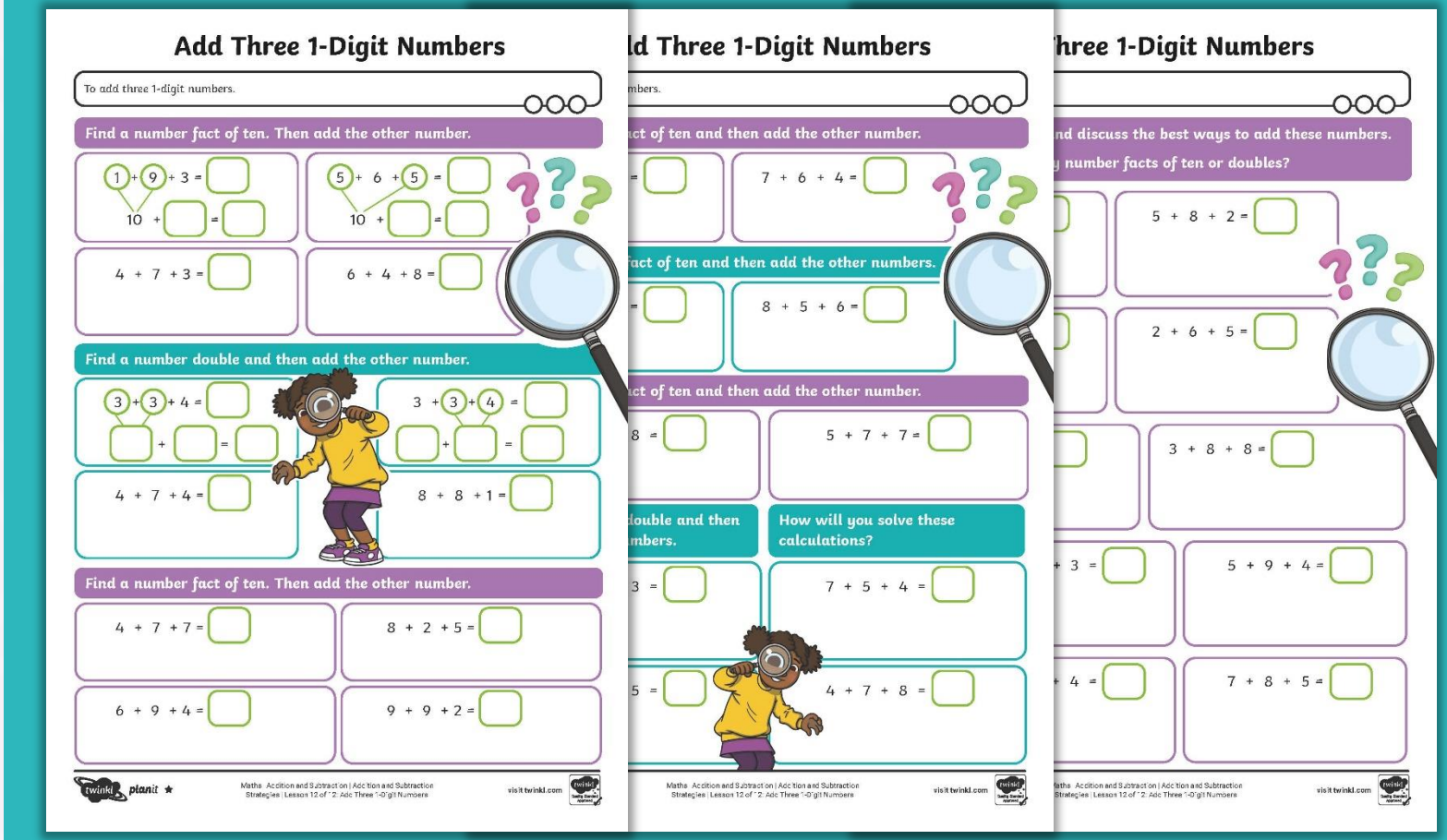
10 + 7 = 17

Doubles



12 + 5 = 17

Three Numbers Activity



Add Three 1-Digit Numbers

To add three 1-digit numbers.

Find a number fact of ten. Then add the other number.

1 + 9 + 3 = ☐
10 + ☐ = ☐

5 + 6 + 5 = ☐
10 + ☐ = ☐

4 + 7 + 3 = ☐

6 + 4 + 8 = ☐

Find a number double and then add the other number.

3 + 3 + 4 = ☐
☐ + ☐ = ☐

3 + 3 + 4 = ☐
☐ + ☐ = ☐

4 + 7 + 4 = ☐

8 + 8 + 1 = ☐

Find a number fact of ten. Then add the other number.

4 + 7 + 7 = ☐

8 + 2 + 5 = ☐

6 + 9 + 4 = ☐

9 + 9 + 2 = ☐

ld Three 1-Digit Numbers

mbers.

ct of ten and then add the other number.

= ☐

7 + 6 + 4 = ☐

act of ten and then add the other numbers.

= ☐

8 + 5 + 6 = ☐

ct of ten and then add the other number.

8 = ☐

5 + 7 + 7 = ☐

ouble and then mbers.

How will you solve these calculations?

3 = ☐

7 + 5 + 4 = ☐

5 = ☐

4 + 7 + 8 = ☐

hree 1-Digit Numbers

nd discuss the best ways to add these numbers.
y number facts of ten or doubles?

5 + 8 + 2 = ☐

2 + 6 + 5 = ☐

3 + 8 + 8 = ☐

+ 3 = ☐

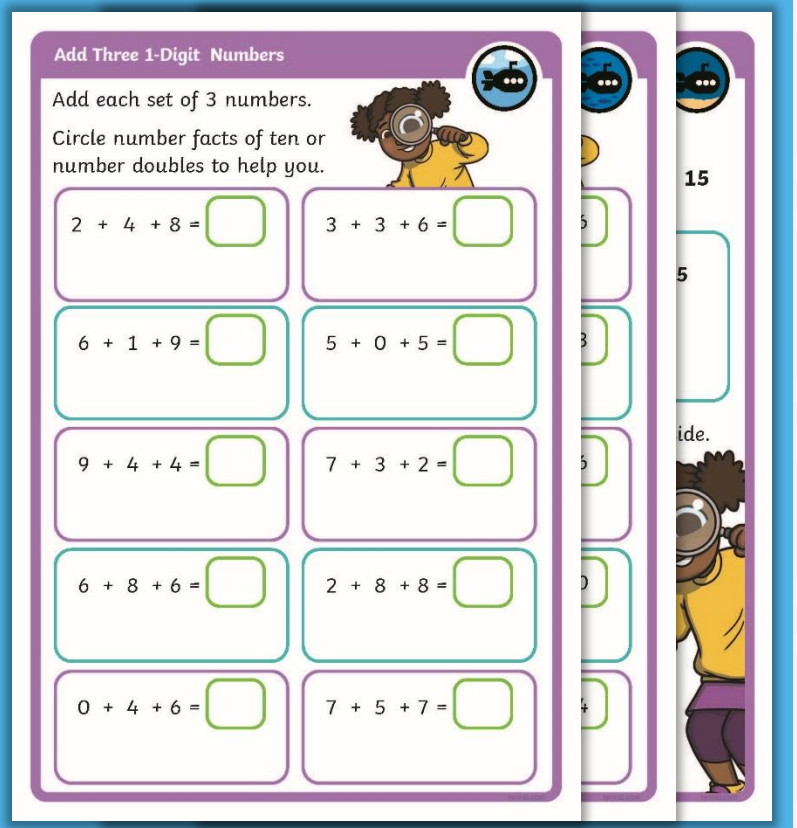
5 + 9 + 4 = ☐

+ 4 = ☐

7 + 8 + 5 = ☐

Diving into Mastery

Dive in by completing your own activity!

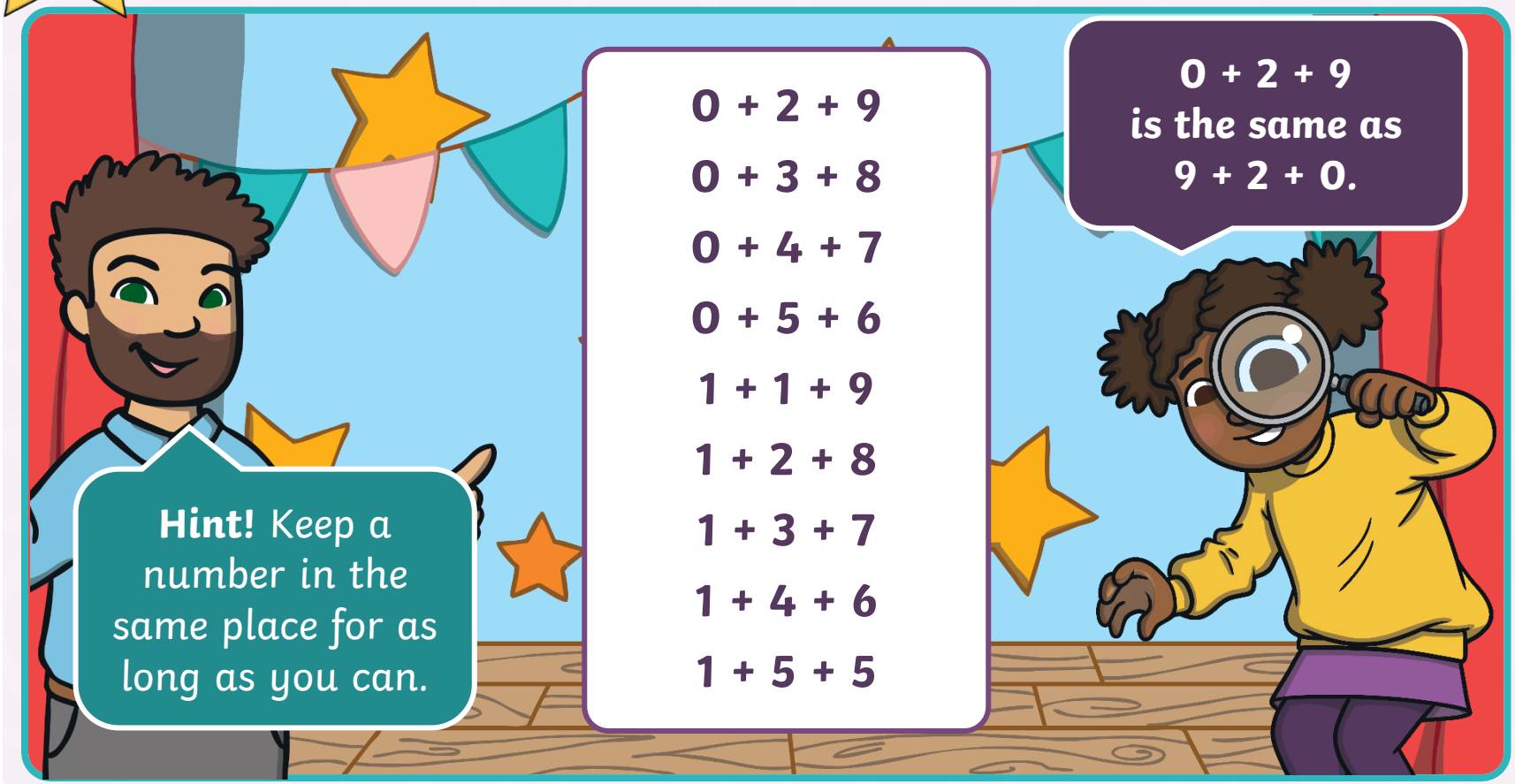


How Many Ways

Whole Class

11

Add 3 numbers to make 11. How many different ways can you find?



Aim

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Success Criteria

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