# Maths

## Addition and Subtraction

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

# Subtract Two 2-Digit Numbers, Crossing Ten

# Aim

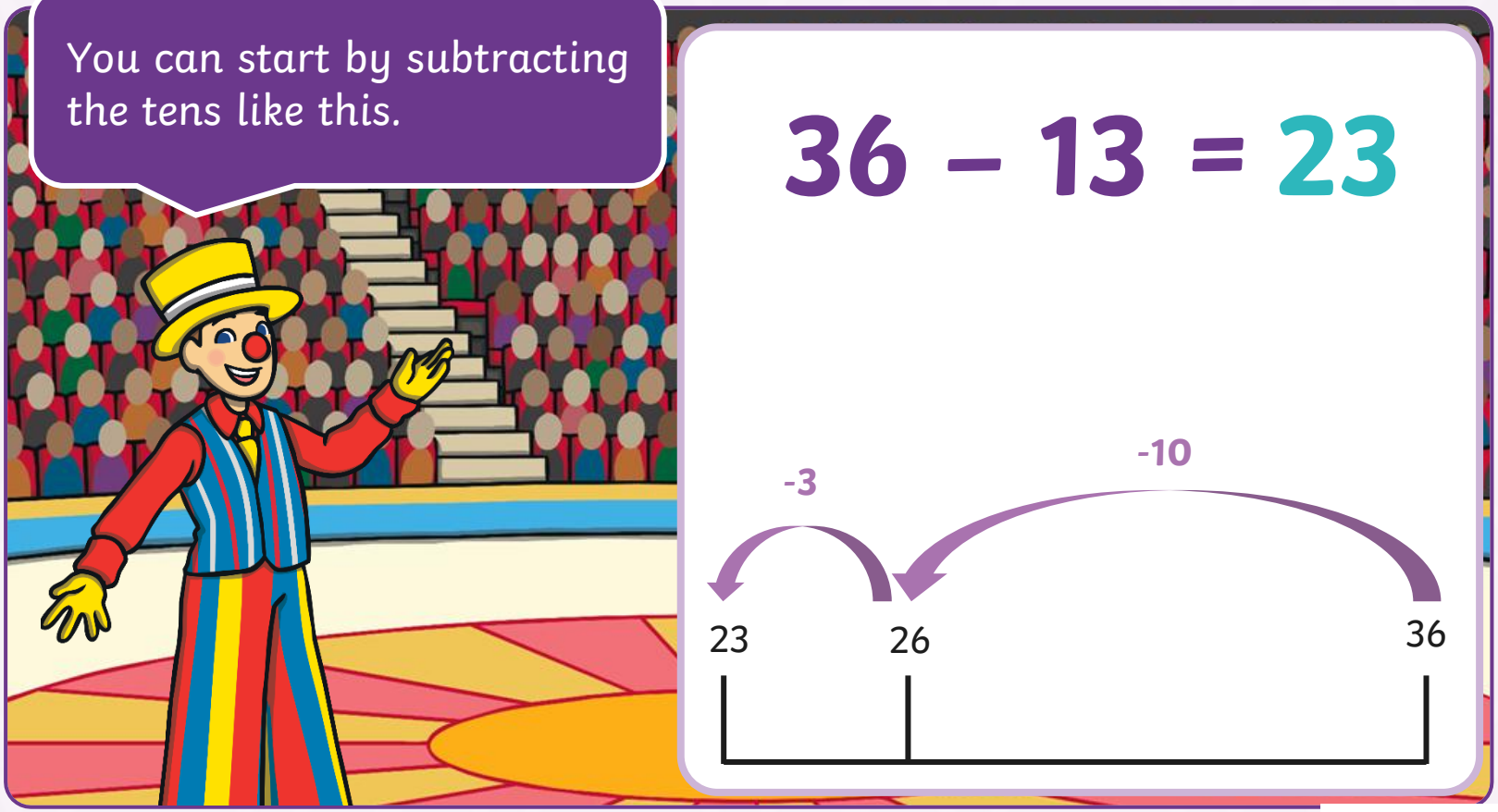
- To subtract two 2-digit numbers crossing 10.

# Success Criteria

- I can use number facts to subtract two 2-digit numbers crossing 10.
- I can use part-whole models to subtract two 2-digit numbers crossing 10.
- I can use number lines to subtract two 2-digit numbers crossing 10.

# Remember It

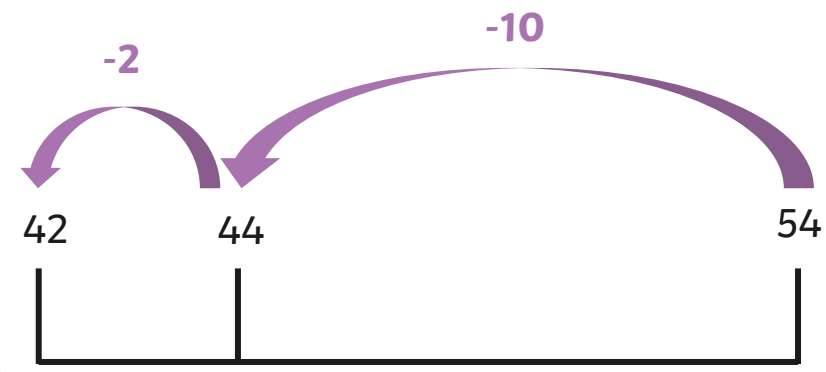
Do you remember how to use number lines to subtract two 2-digit numbers?



# Remember It

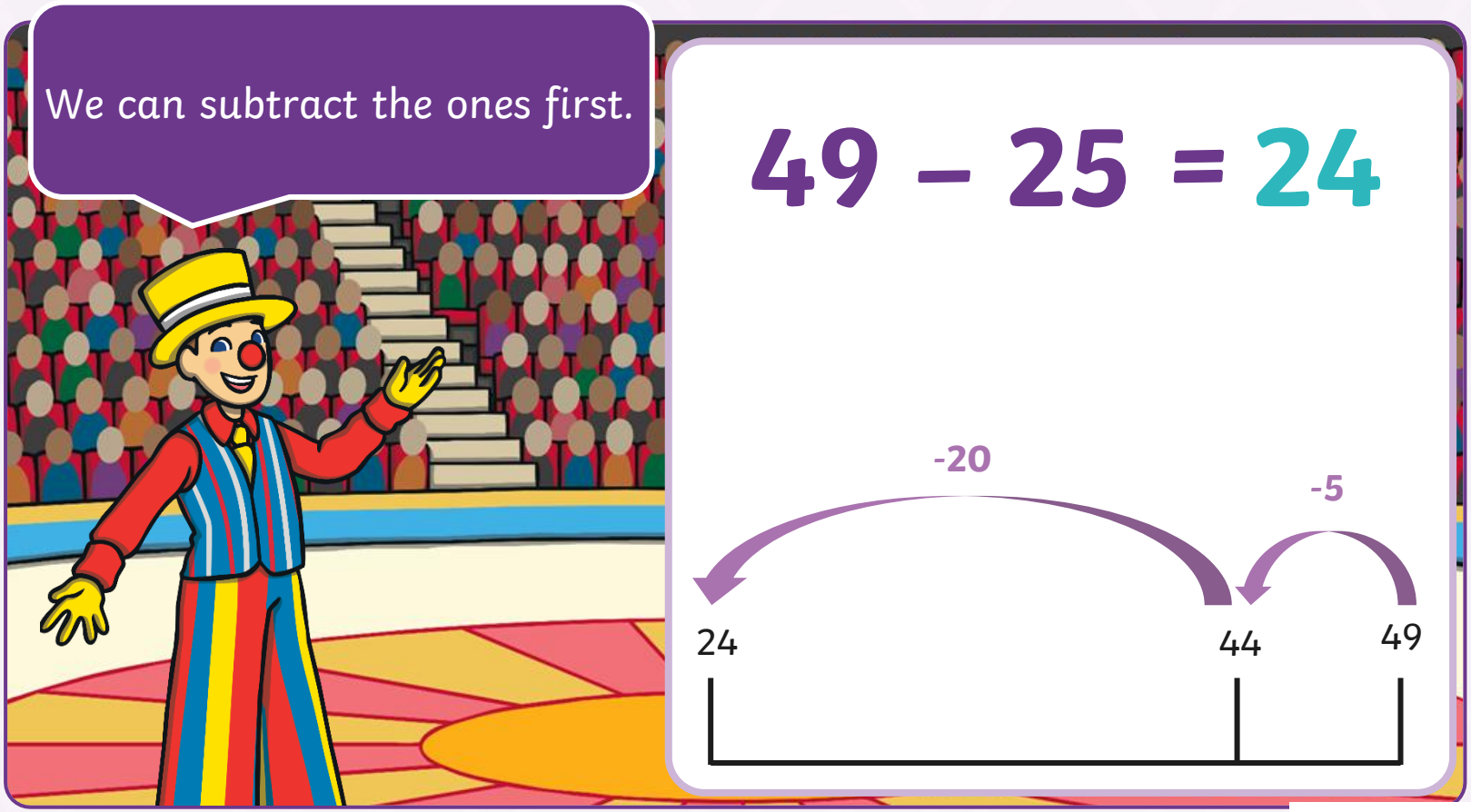
Draw a number line on your whiteboard.
Use it to subtract these two 2-digit numbers.

$$54 - 12 = 42$$



# Remember It

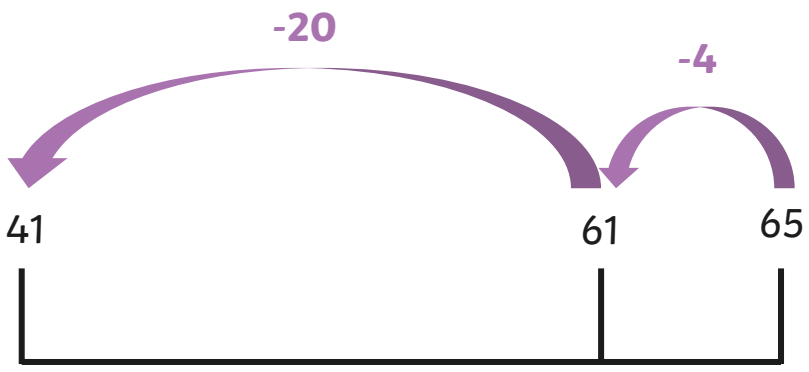
Here's another way to use number lines to subtract two 2-digit numbers.



# Remember It

Draw a number line on your whiteboard.
Use it to subtract these two 2-digit numbers.

$$65 - 24 = 41$$



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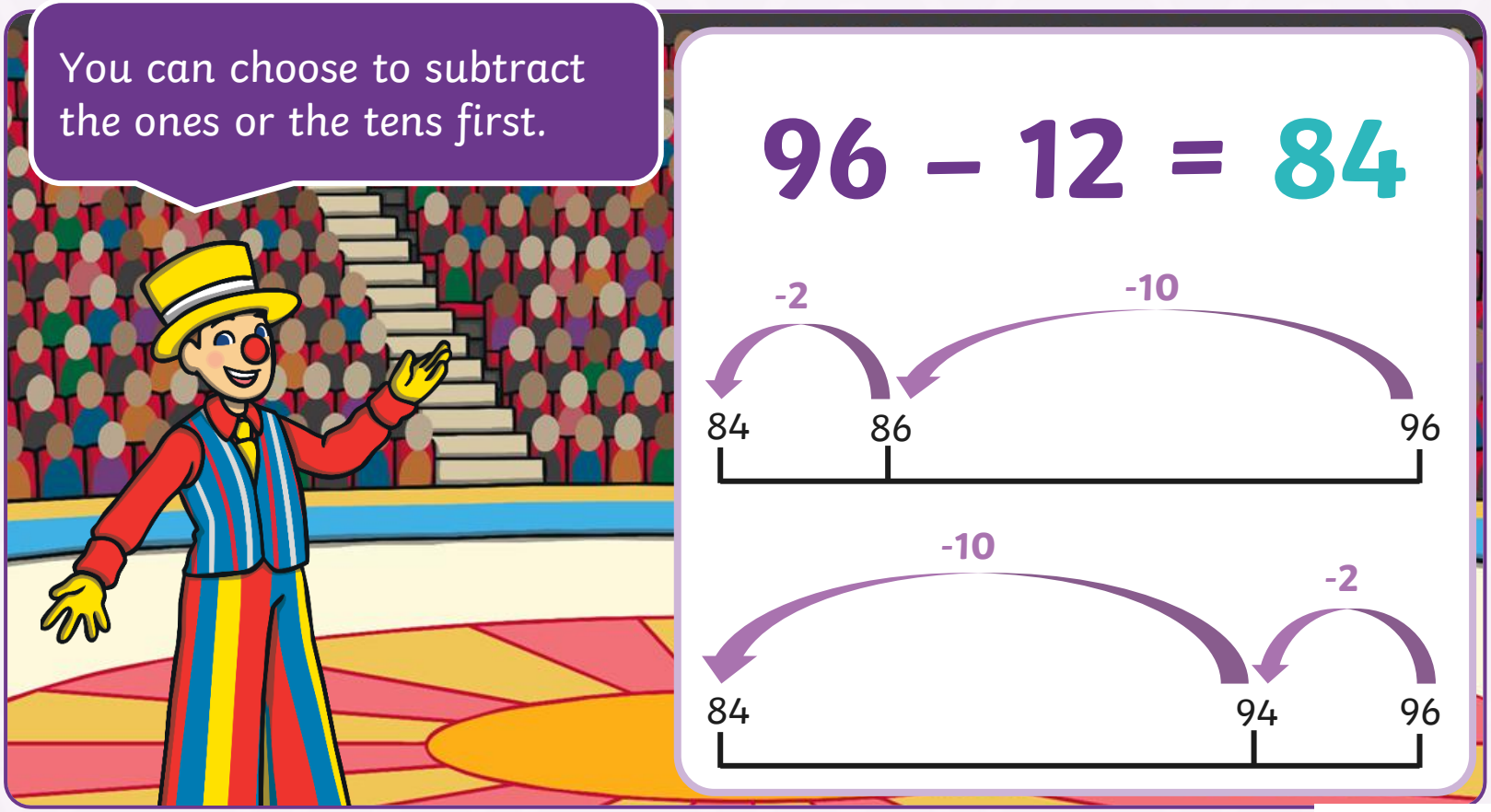
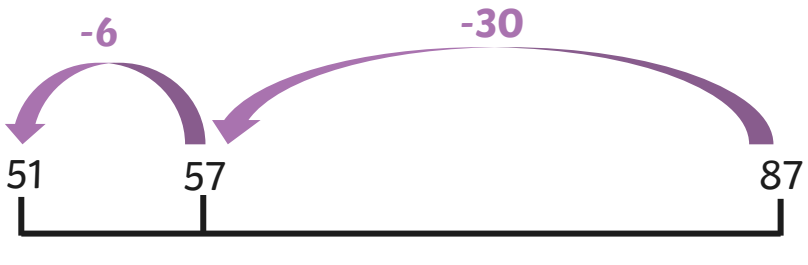
Use it to subtract these two 2-digit numbers.

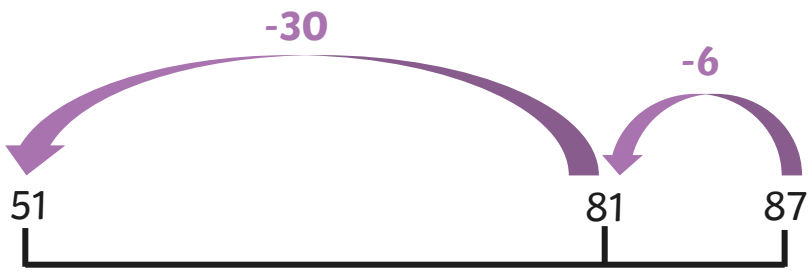


# Remember It

Draw a number line on your whiteboard.
Use it to subtract these two 2-digit numbers.

$$87 - 36 = 51$$



# Jump-Back Jill

Do you remember Jump-Back Jill?

I can help you to subtract numbers when they cross ten.

She does amazing backflips along the number line!

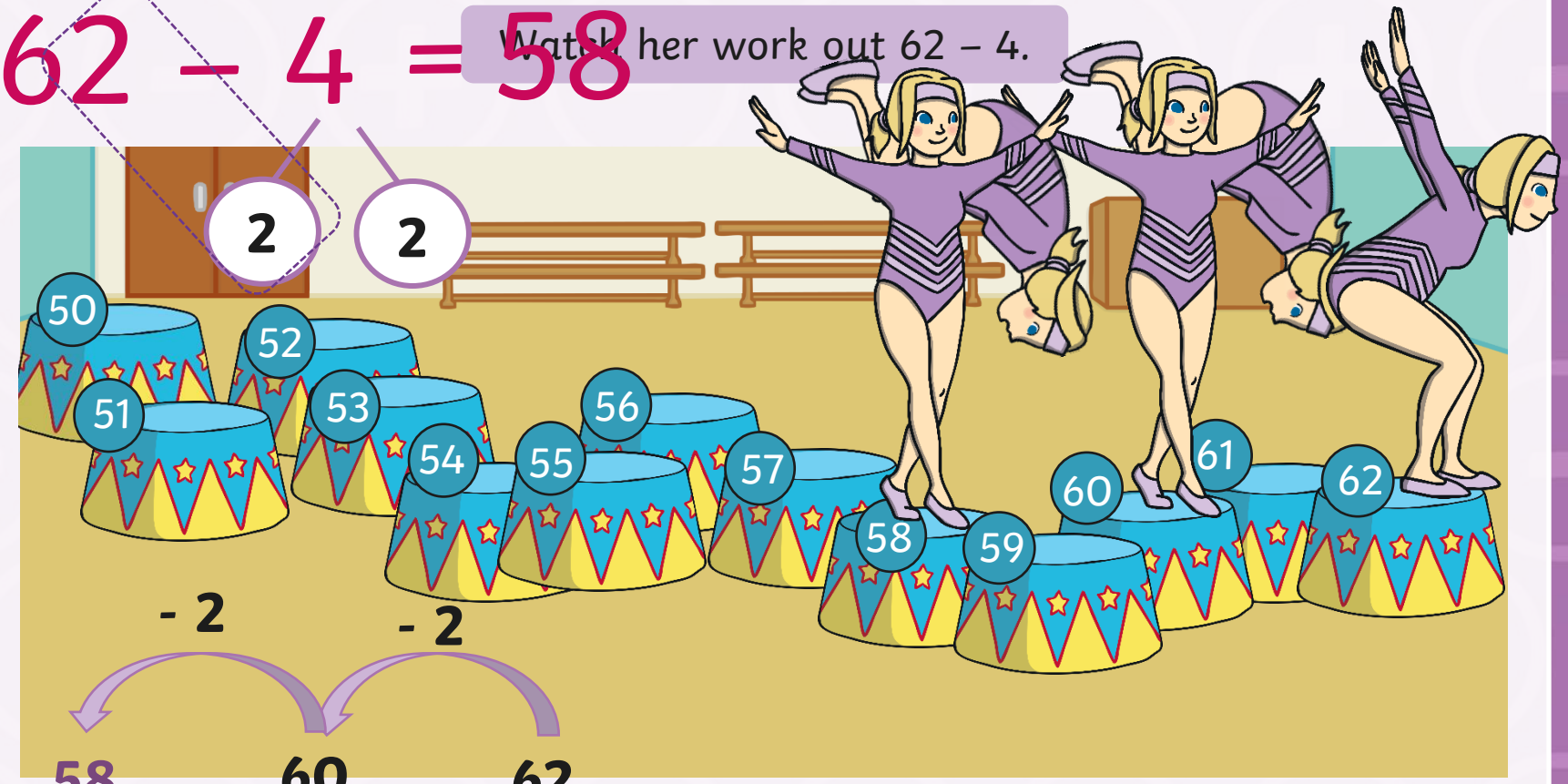
# Jump-Back Jill

Whole Class

Jill jumped back to the nearest ten, then subtracted the rest of the ones.

Watch her work out 62 – 4.

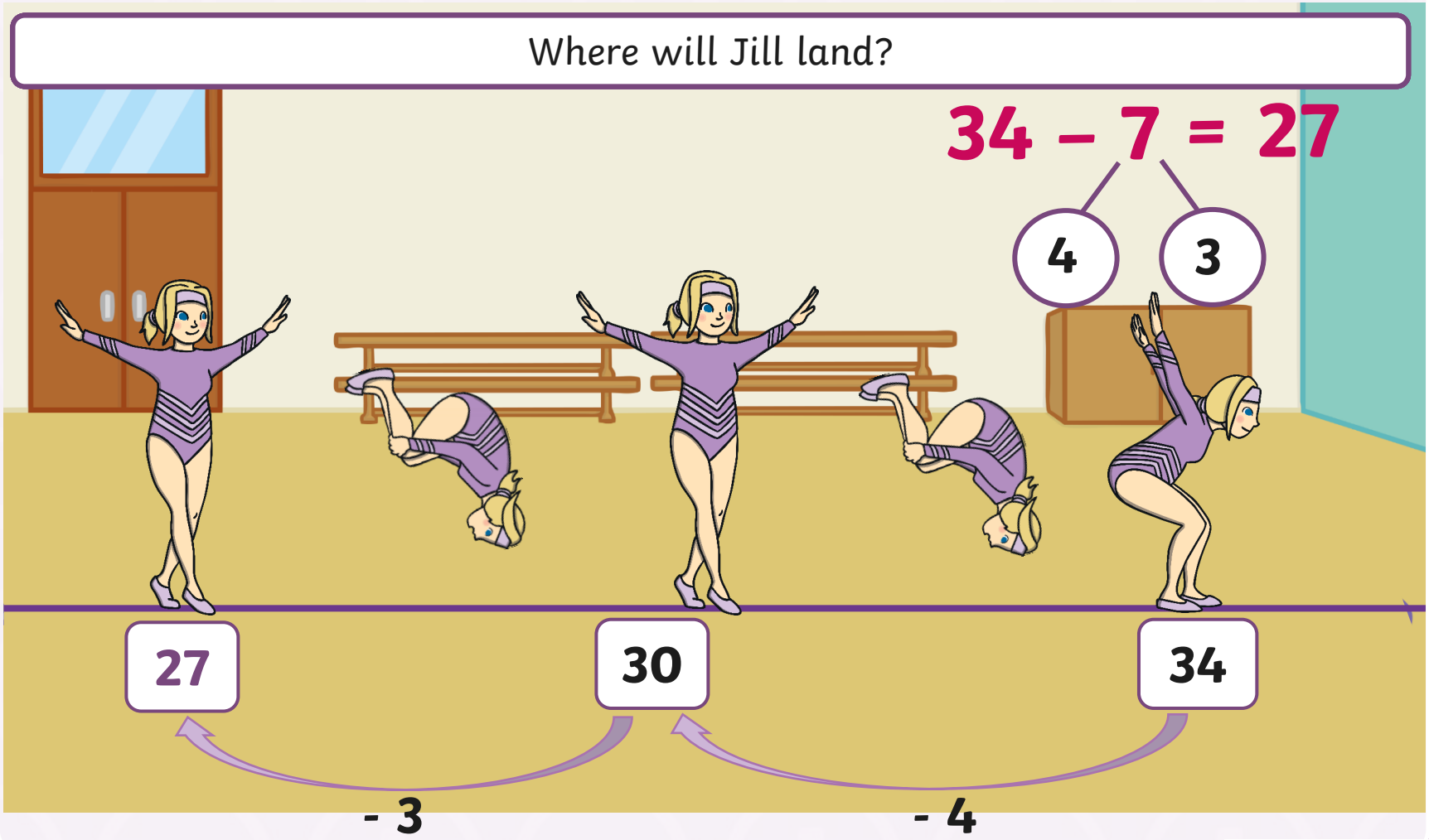
62 – 4 = 58



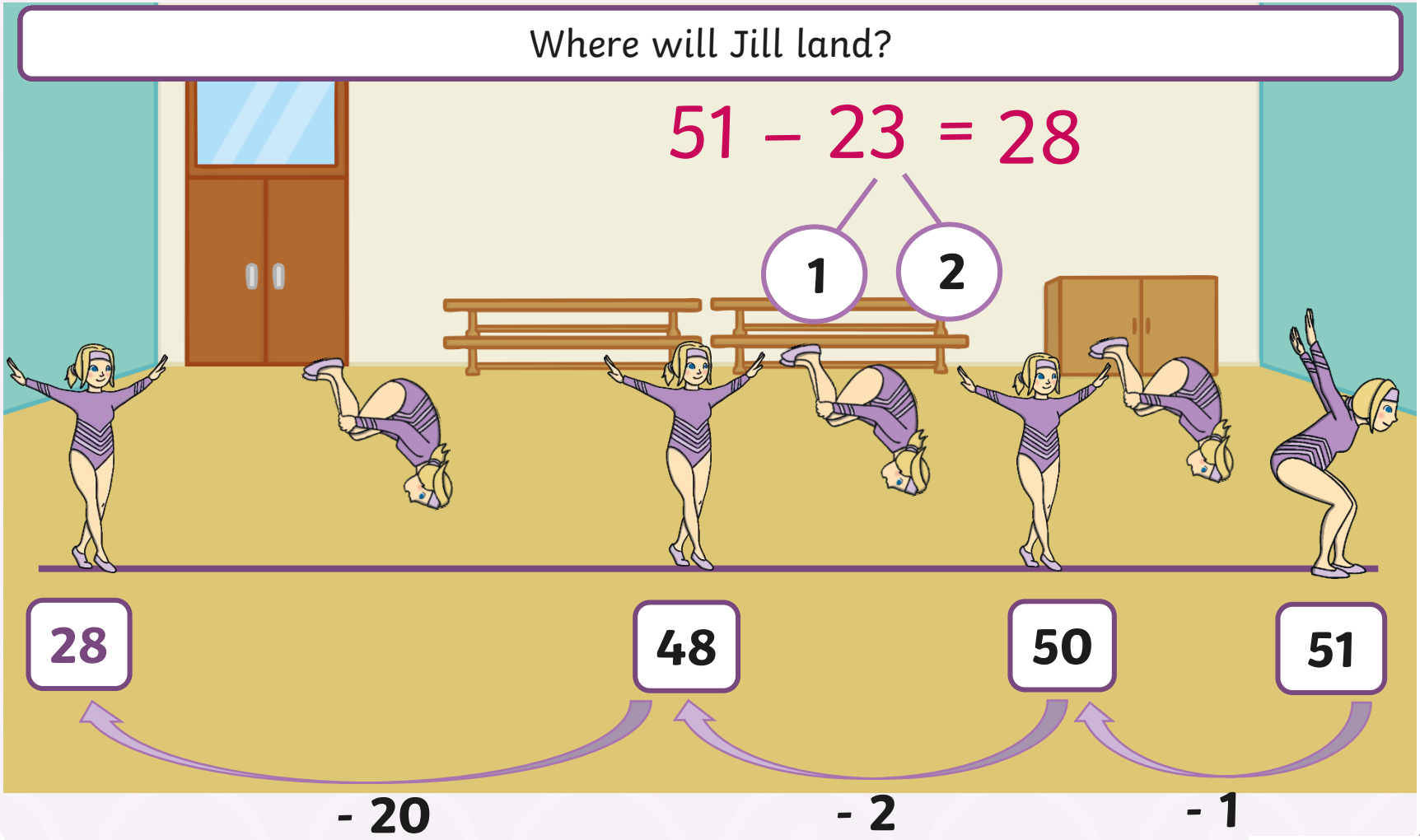
# Jump-Back Jill

Whole Class

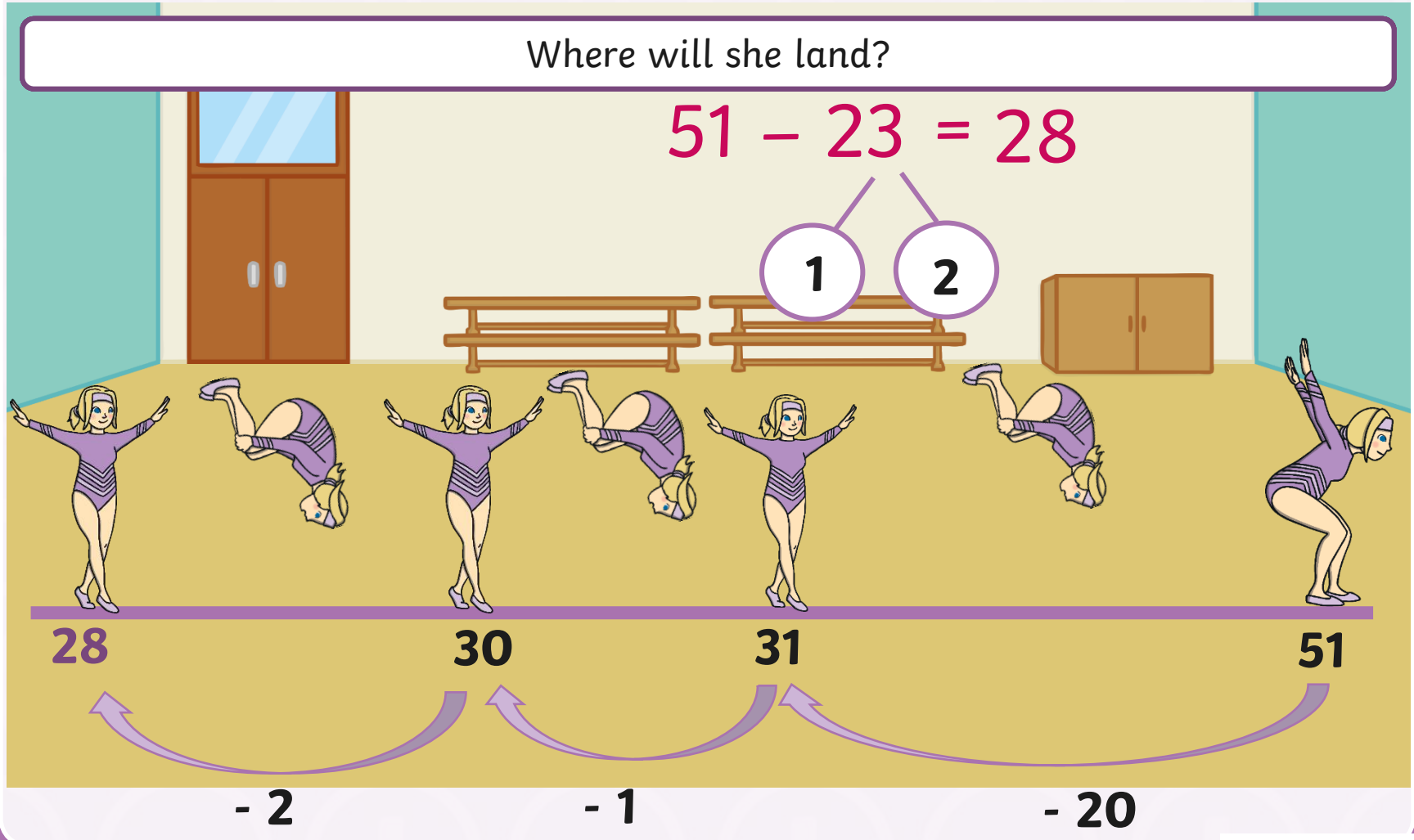
Where will Jill land?



# Jump-Back Jill

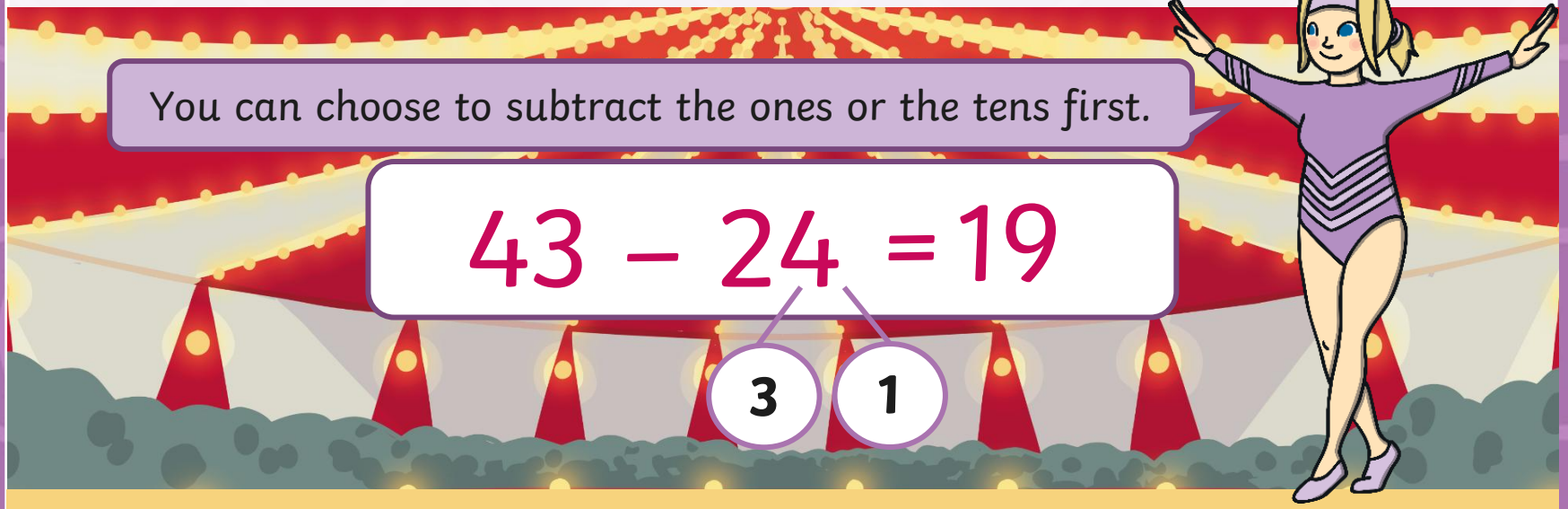


# Jump-Back Jill



# Jumping Further


Use a number line to solve this calculation.



You can choose to subtract the ones or the tens first.

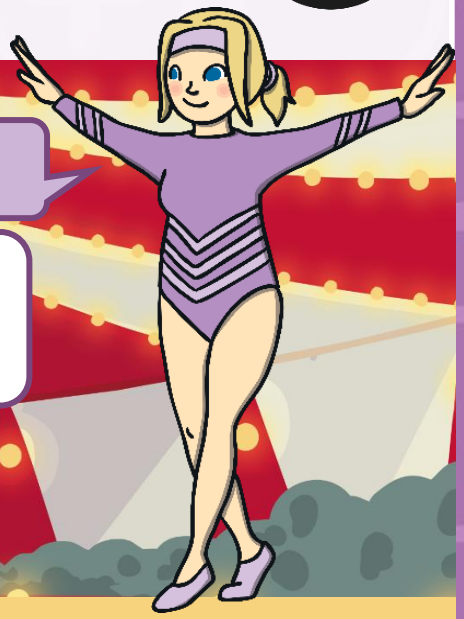
$43 - 24 = 19$

3 1

# Jumping Further

Whole Class

Let's try one more.

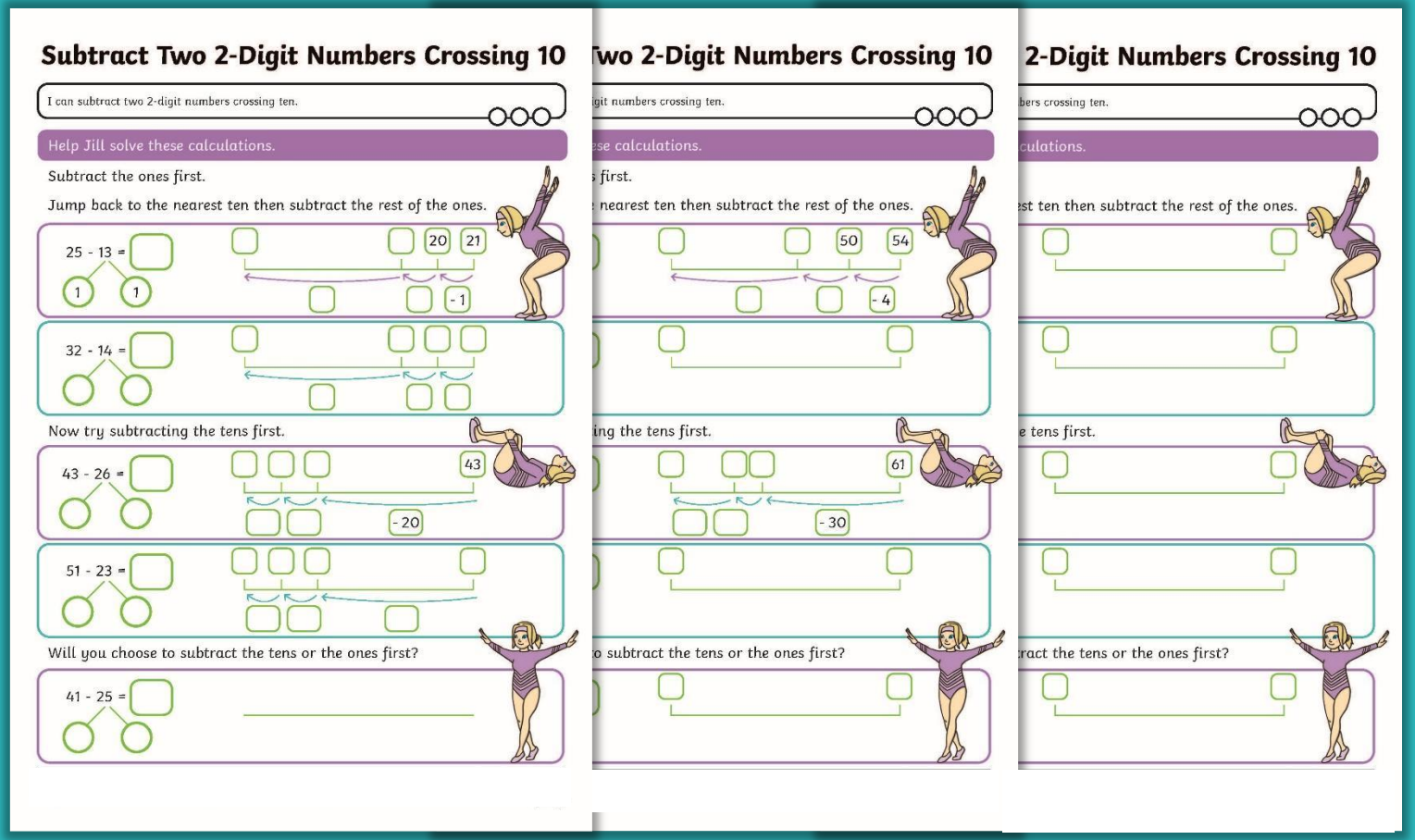


You can choose to subtract the ones or the tens first.

$$65 - 37 = 28$$

5 2

# Activity Sheet



## Subtract Two 2-Digit Numbers Crossing 10

I can subtract two 2-digit numbers crossing ten.

Help Jill solve these calculations.

Subtract the ones first.

Jump back to the nearest ten then subtract the rest of the ones.

25 - 13 =

1 1

20 21 - 1

32 - 14 =

Now try subtracting the tens first.

43 - 26 =

43 - 20

51 - 23 =

Will you choose to subtract the tens or the ones first?

41 - 25 =

## Two 2-Digit Numbers Crossing 10

first.

nearest ten then subtract the rest of the ones.

50 54 - 4

ing the tens first.

61 - 30

o subtract the tens or the ones first?

## 2-Digit Numbers Crossing 10

bers crossing ten.

culations.

st ten then subtract the rest of the ones.

e tens first.

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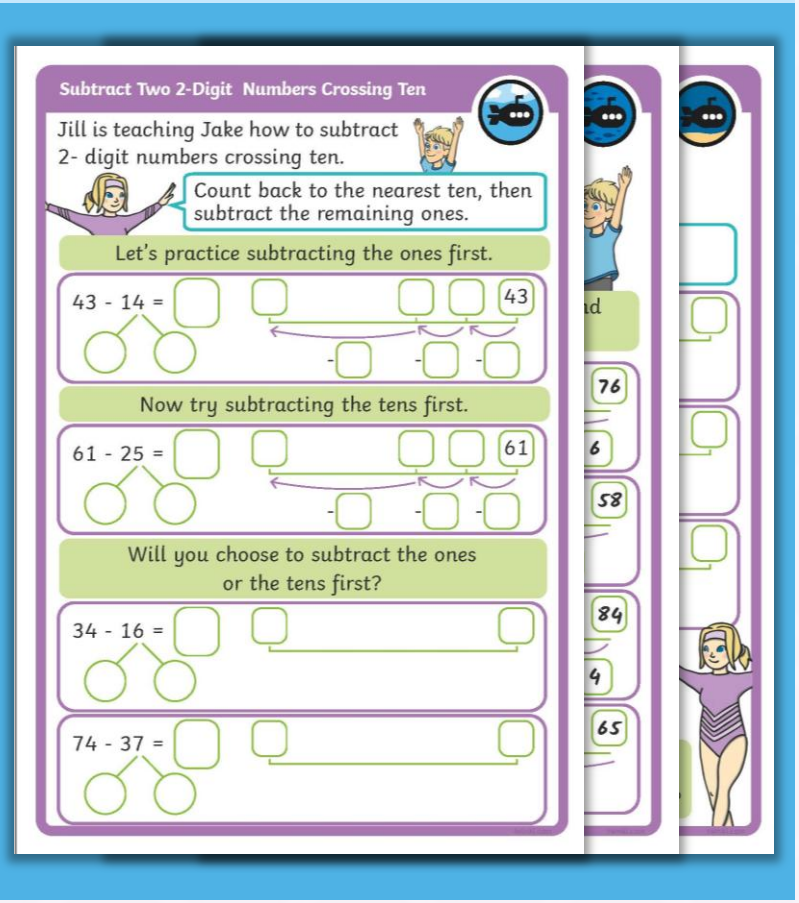
## Diving into Mastery

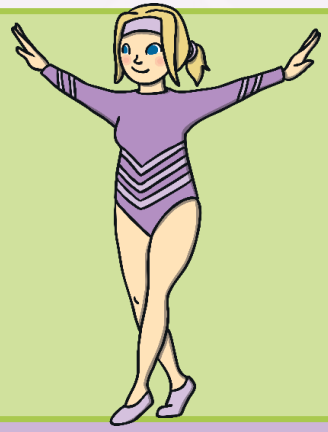
Dive in by completing your own activity!



# Jill's Challenge


Jill is working out where she would land if she jumped back 17.

Which strategy will you use?

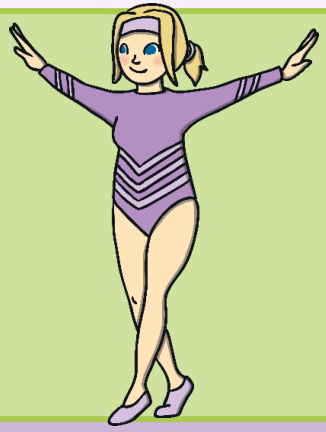


$$73 - 17 = 56$$

# Jill's Challenge


Jill is working out where she would land if she jumped back 27.

Which strategy will you use?

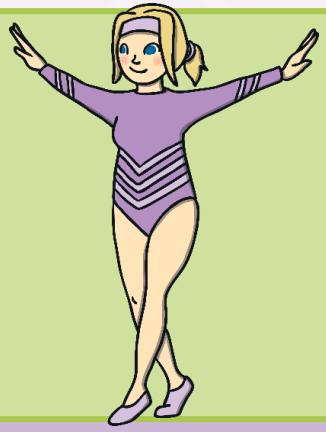


$$73 - 27 = 46$$

# Jill's Challenge


Jill is working out where she would land if she jumped back 37.

Which strategy will you use?

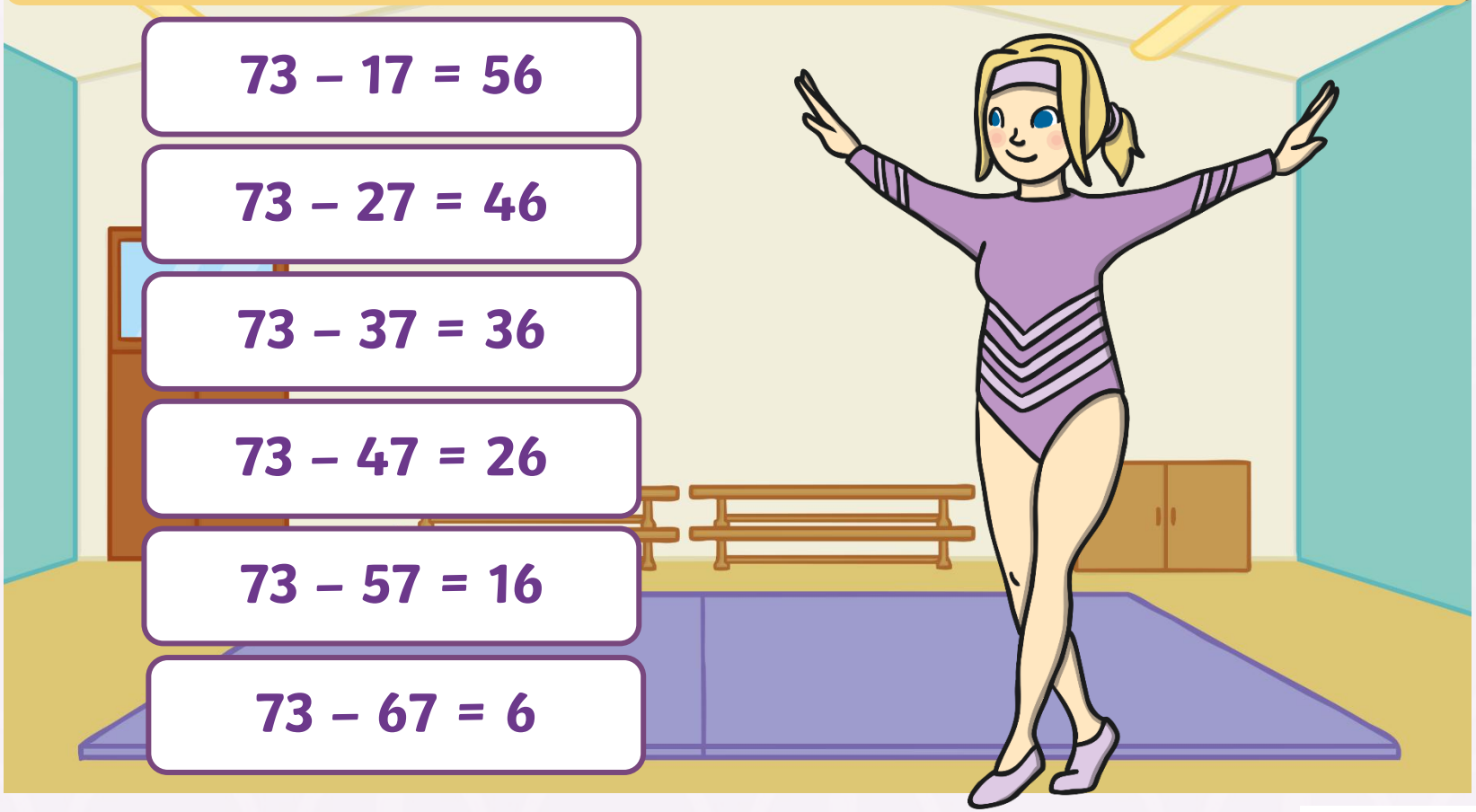


$$73 - 37 = 36$$

# Jill's Challenge

Whole Class

What would come next?



73 – 17 = 56

73 – 27 = 46

73 – 37 = 36

73 – 47 = 26

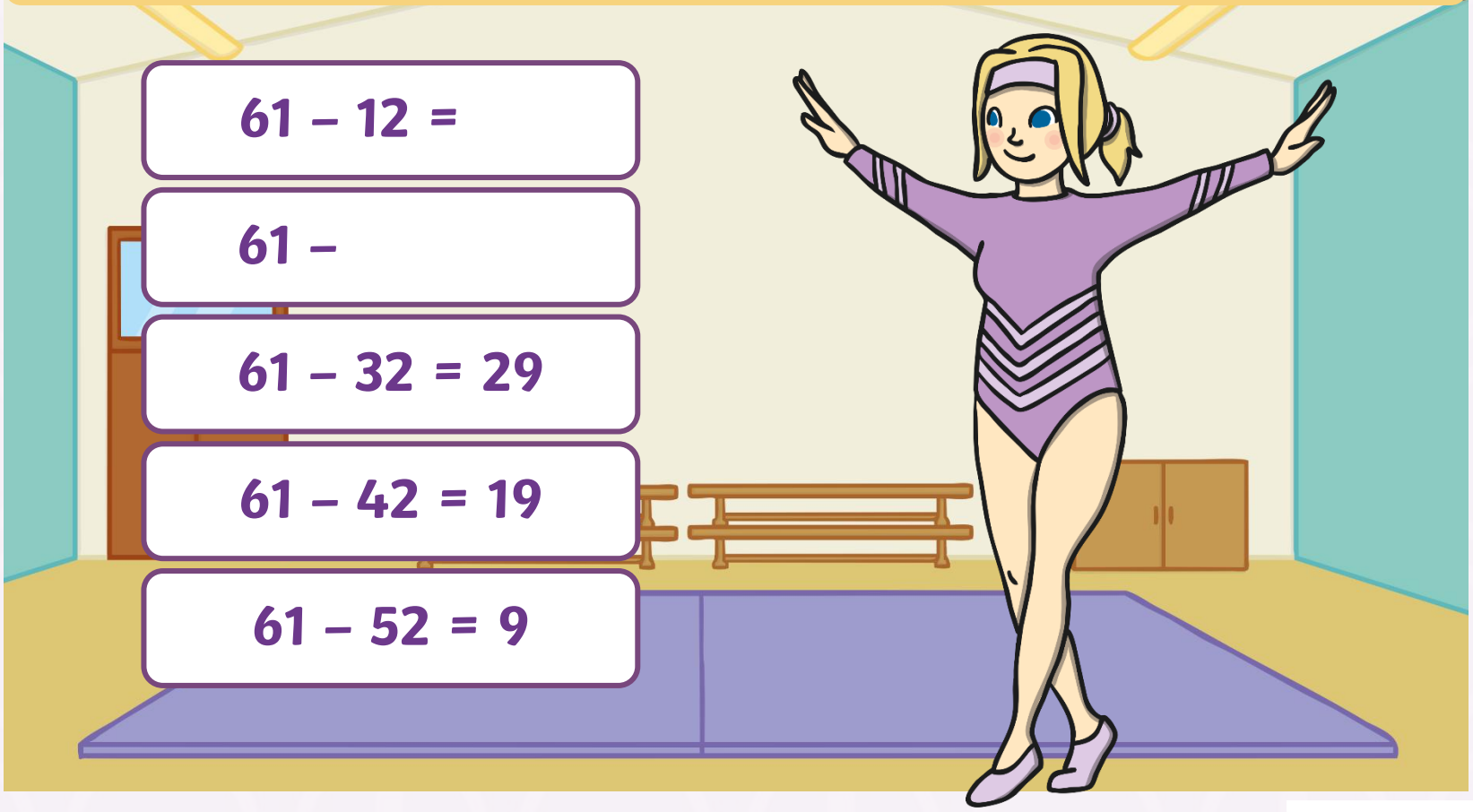
73 – 57 = 16

73 – 67 = 6

# Jill's Challenge

Whole Class

Can you solve the calculation and continue the pattern?



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