



# Maths

## Addition and Subtraction

# Add by Counting On



twinkl

# Aim

- To add by counting on.

# Success Criteria

- I can start and stop in different places when I count.
- I can count on from the first number.
- I can keep track of how many I have counted on.

# Remember It



Match up the representations and numerals.

For the numerals that don't have a match,  
draw a representation to go with them.

9

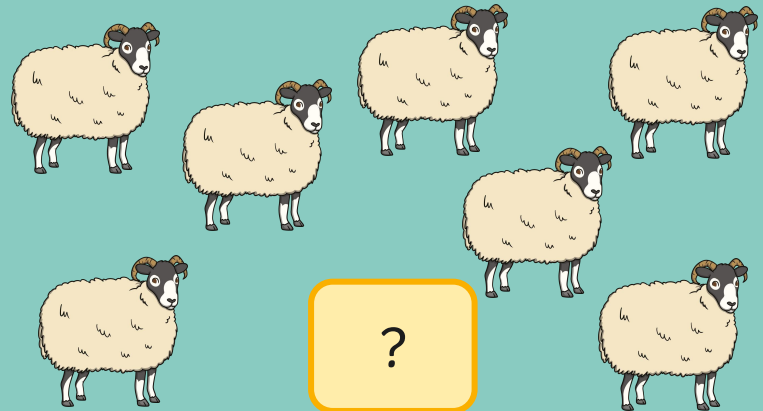
7

4

5



?

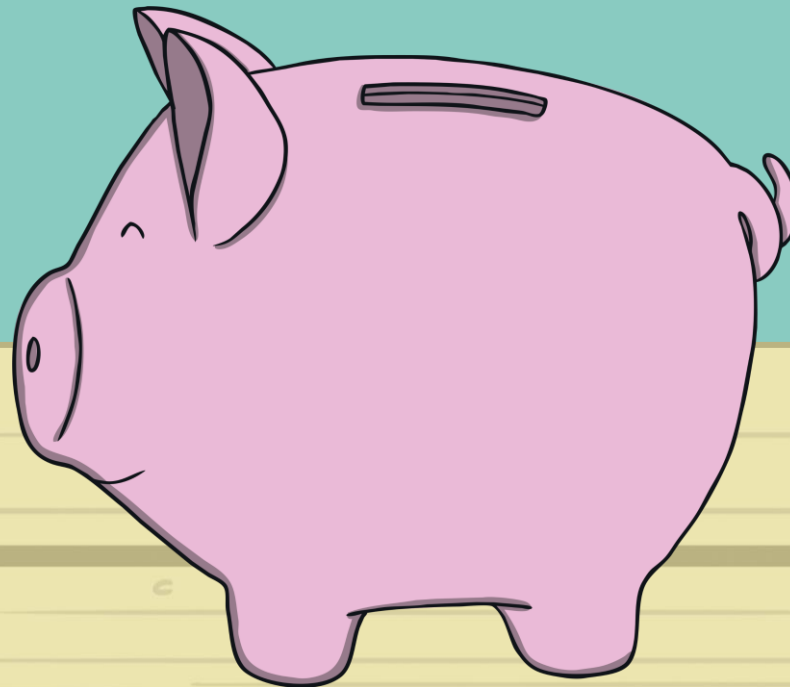


?

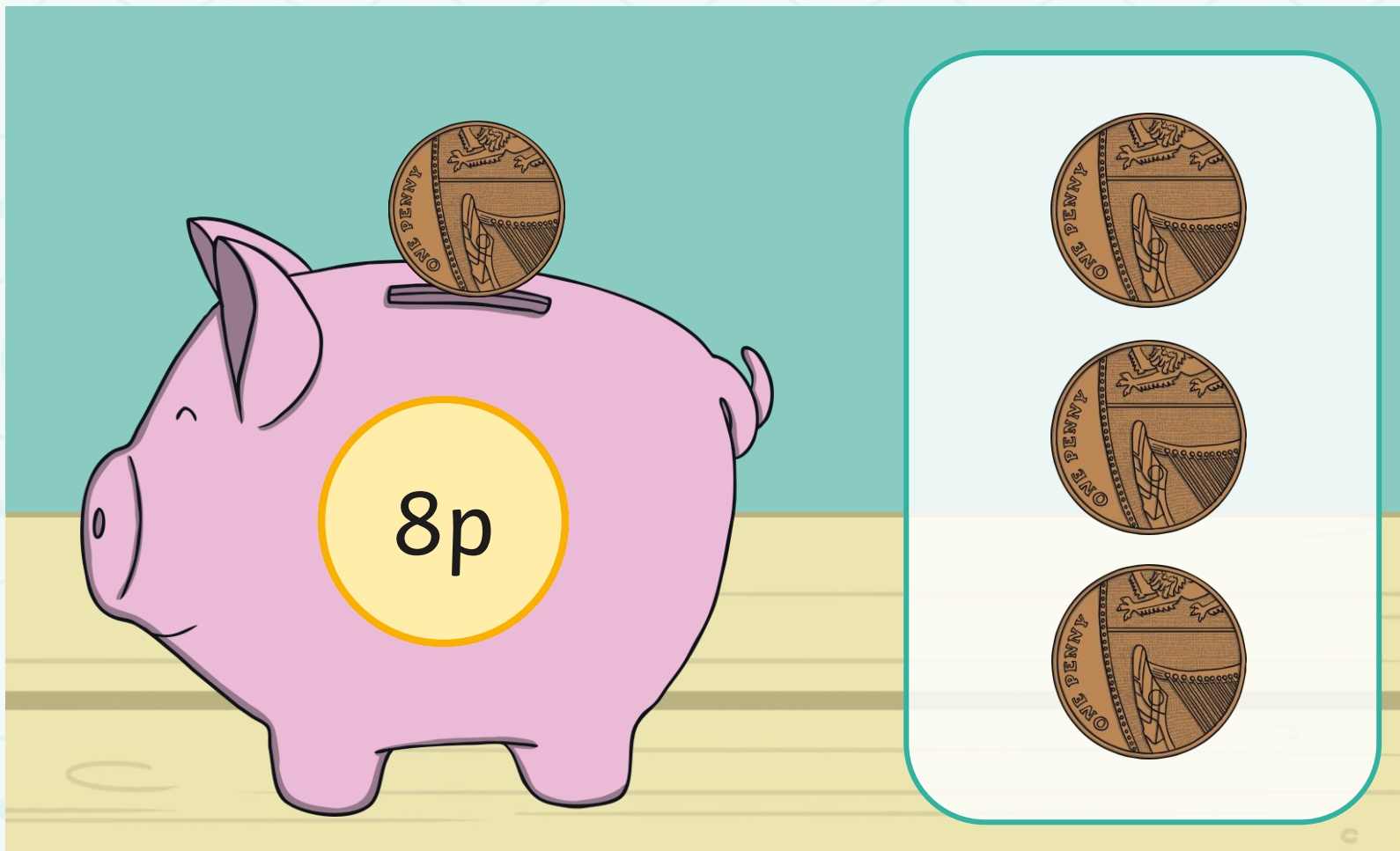
# Piggy Bank



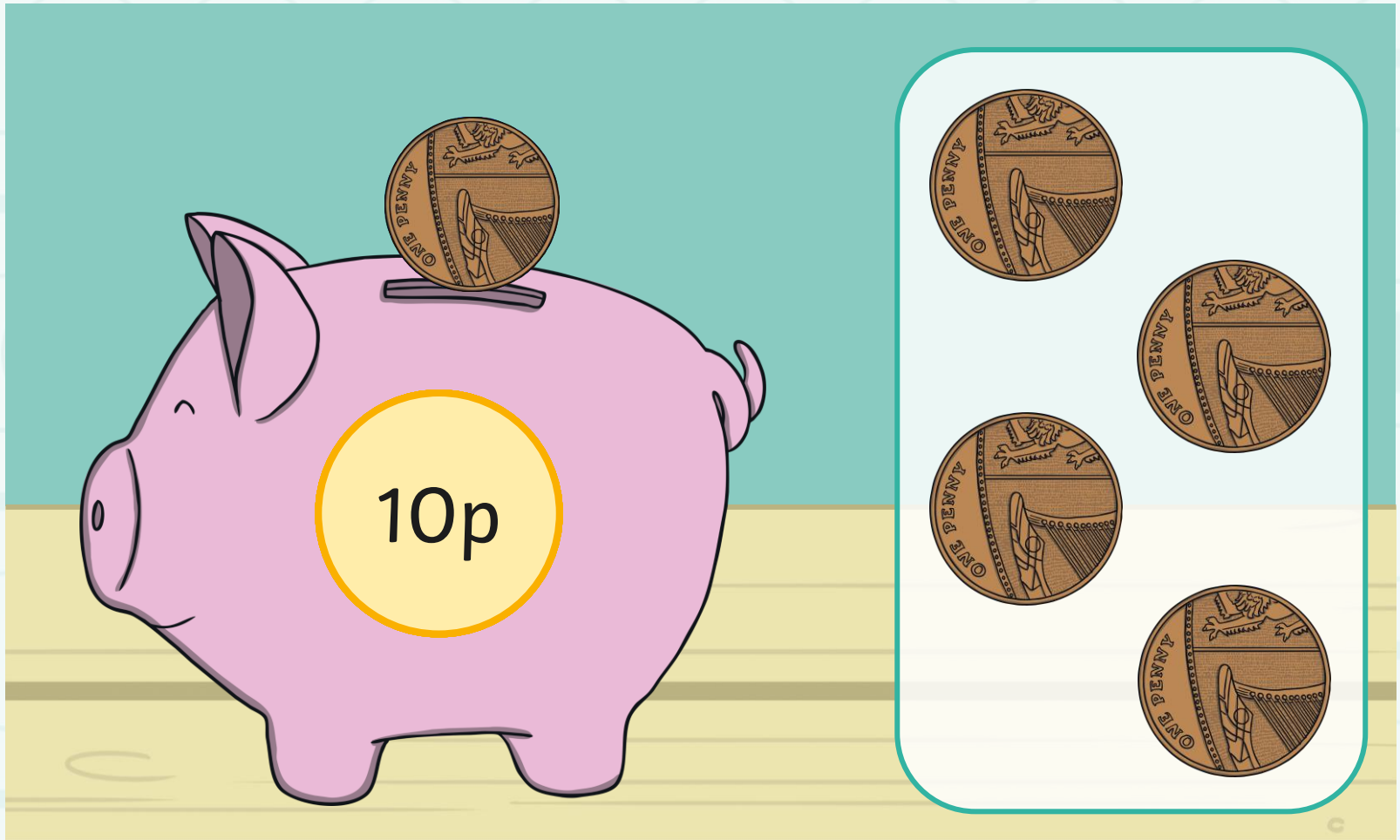
How much money is in the piggy bank?  
Can you count on as the pennies go in to find the new amount?



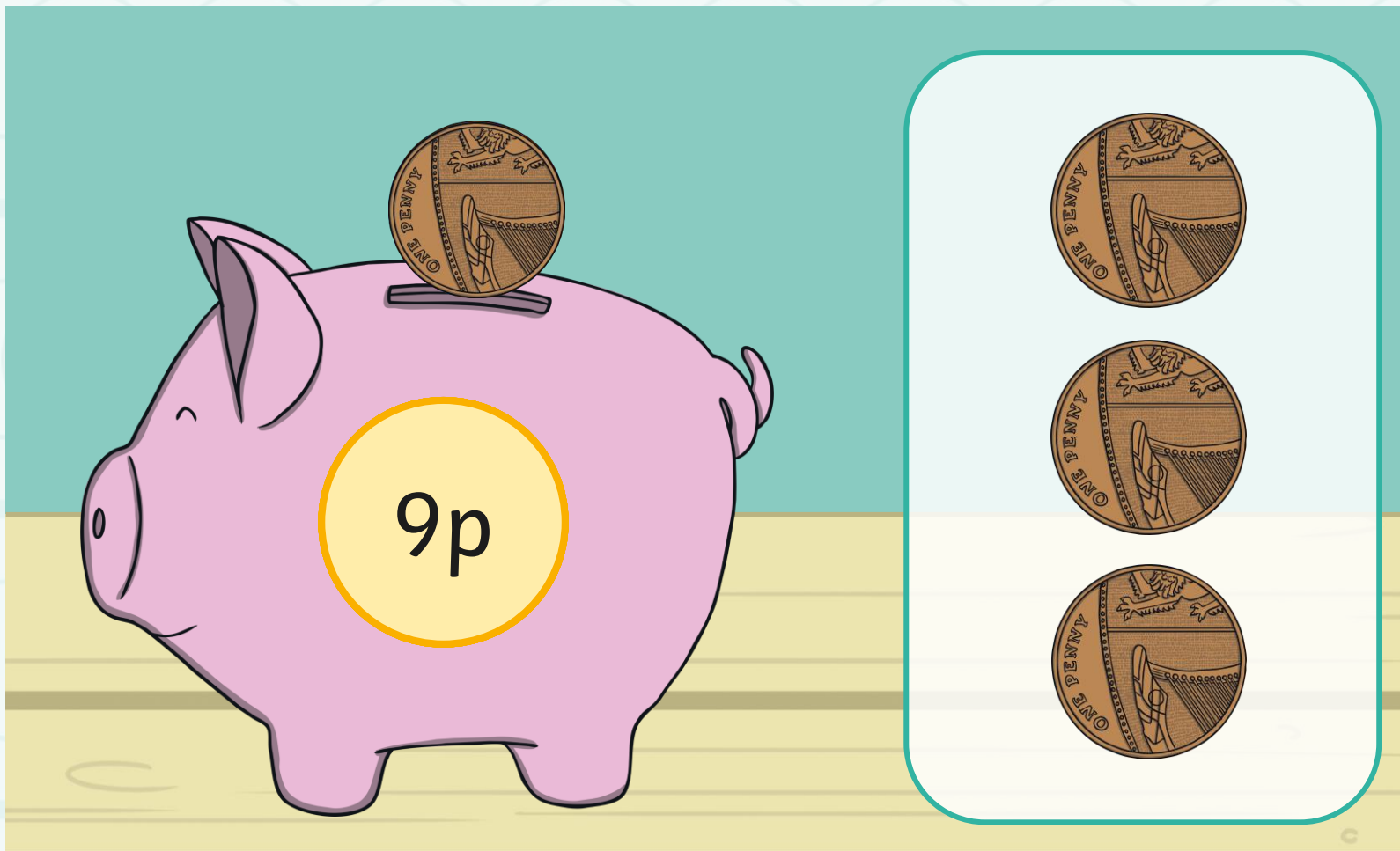
# Piggy Bank



# Piggy Bank



# Piggy Bank





# Help!



Can you help me? I have some sheep in the pen and I've just caught some more. How many sheep do I have altogether?



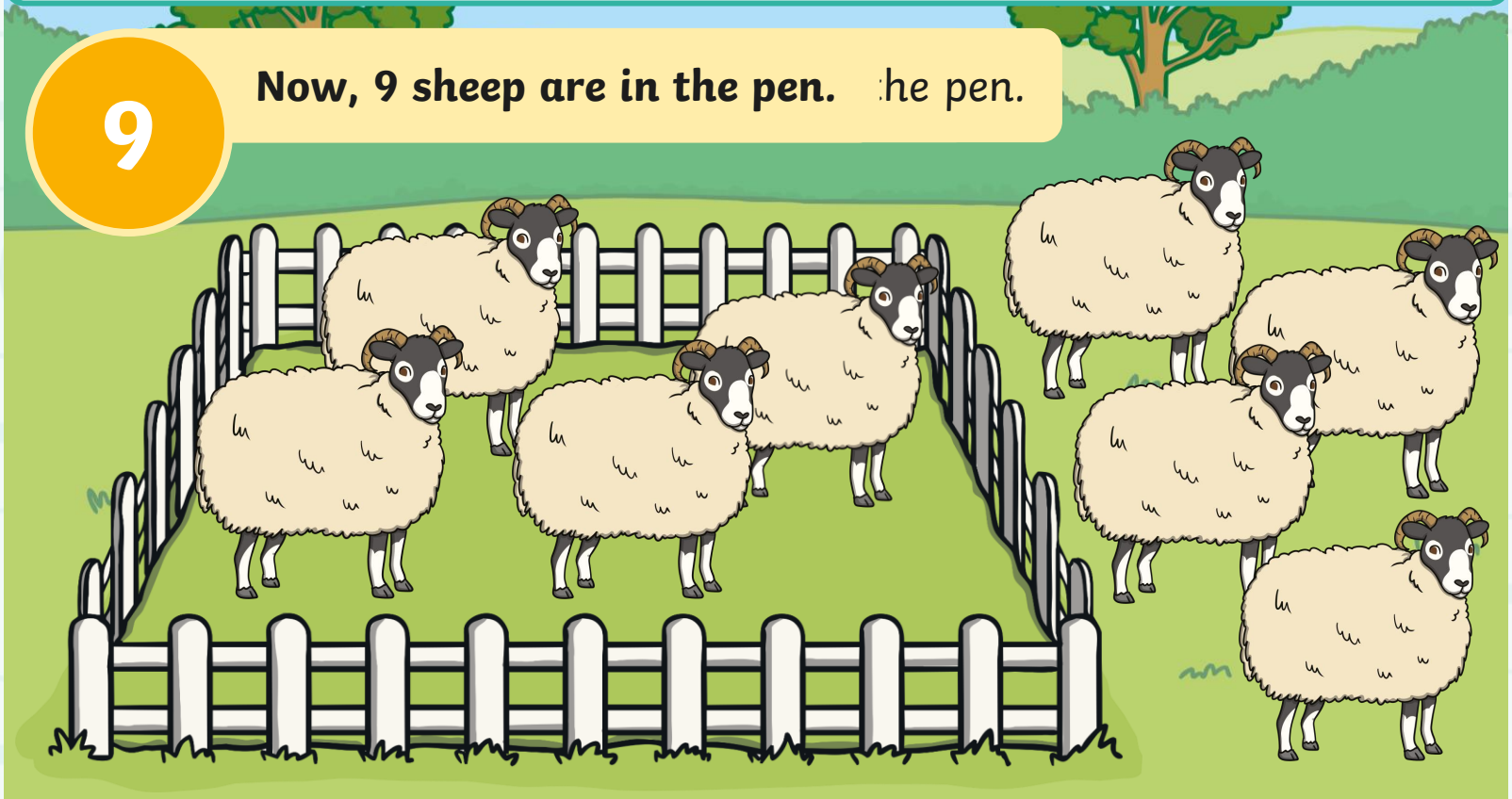
# Help!



Can you help Farmer James by counting on as the sheep go in the pen?

9

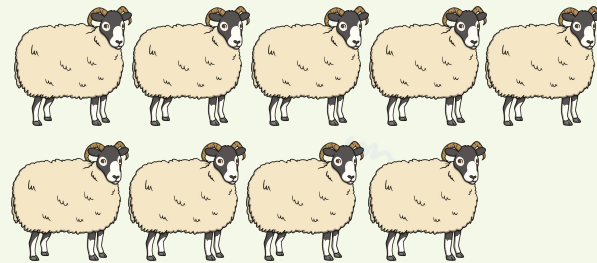
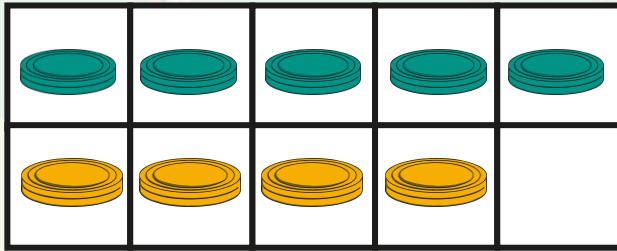
Now, 9 sheep are in the pen. The pen.



# Help!



The farmer had 5 sheep and he found 4 more.  
What might that look like?



$$5 + 4 = 9$$

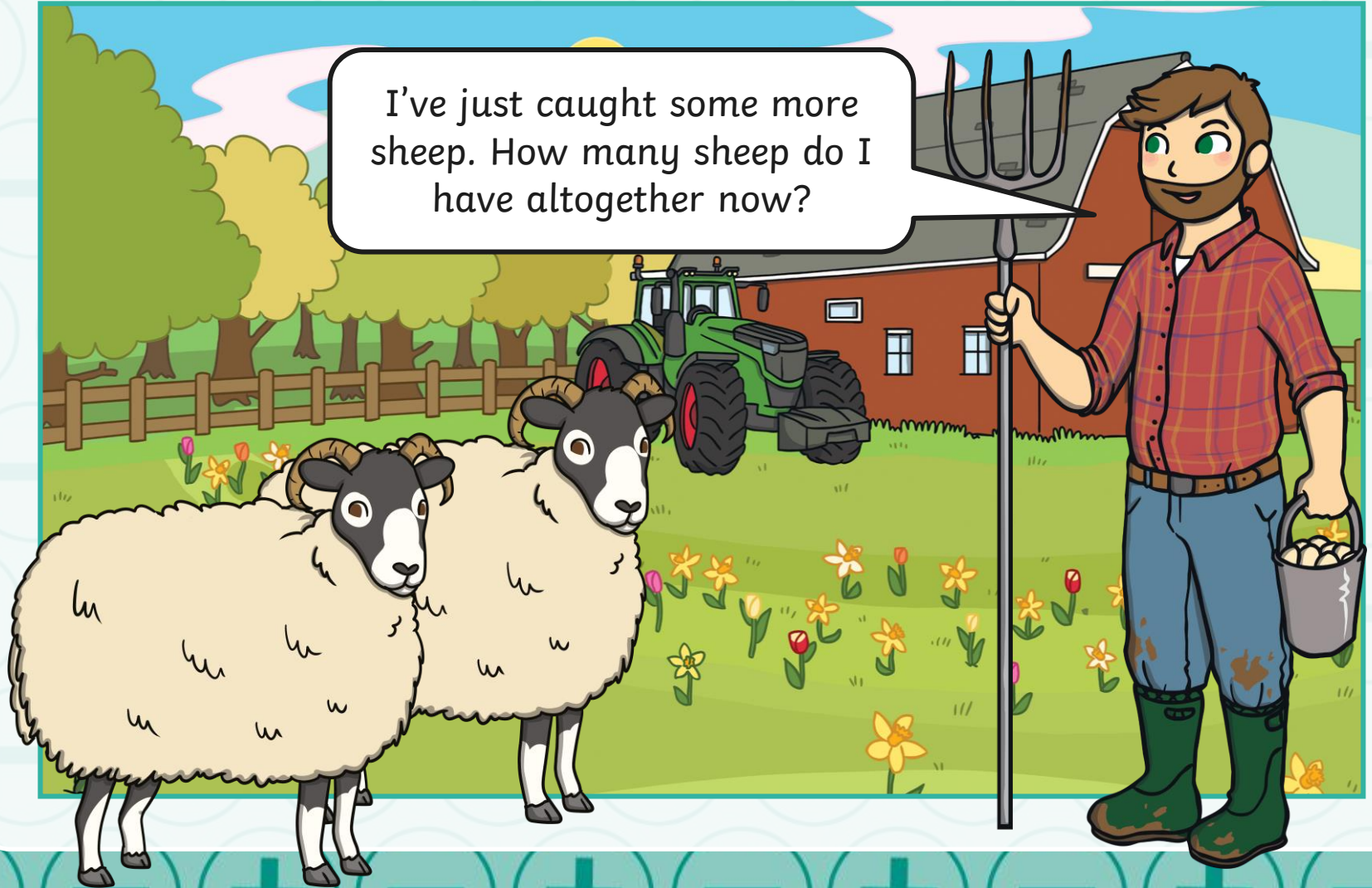


Which do you find helpful? Explain why.

# And Again!



I've just caught some more sheep. How many sheep do I have altogether now?



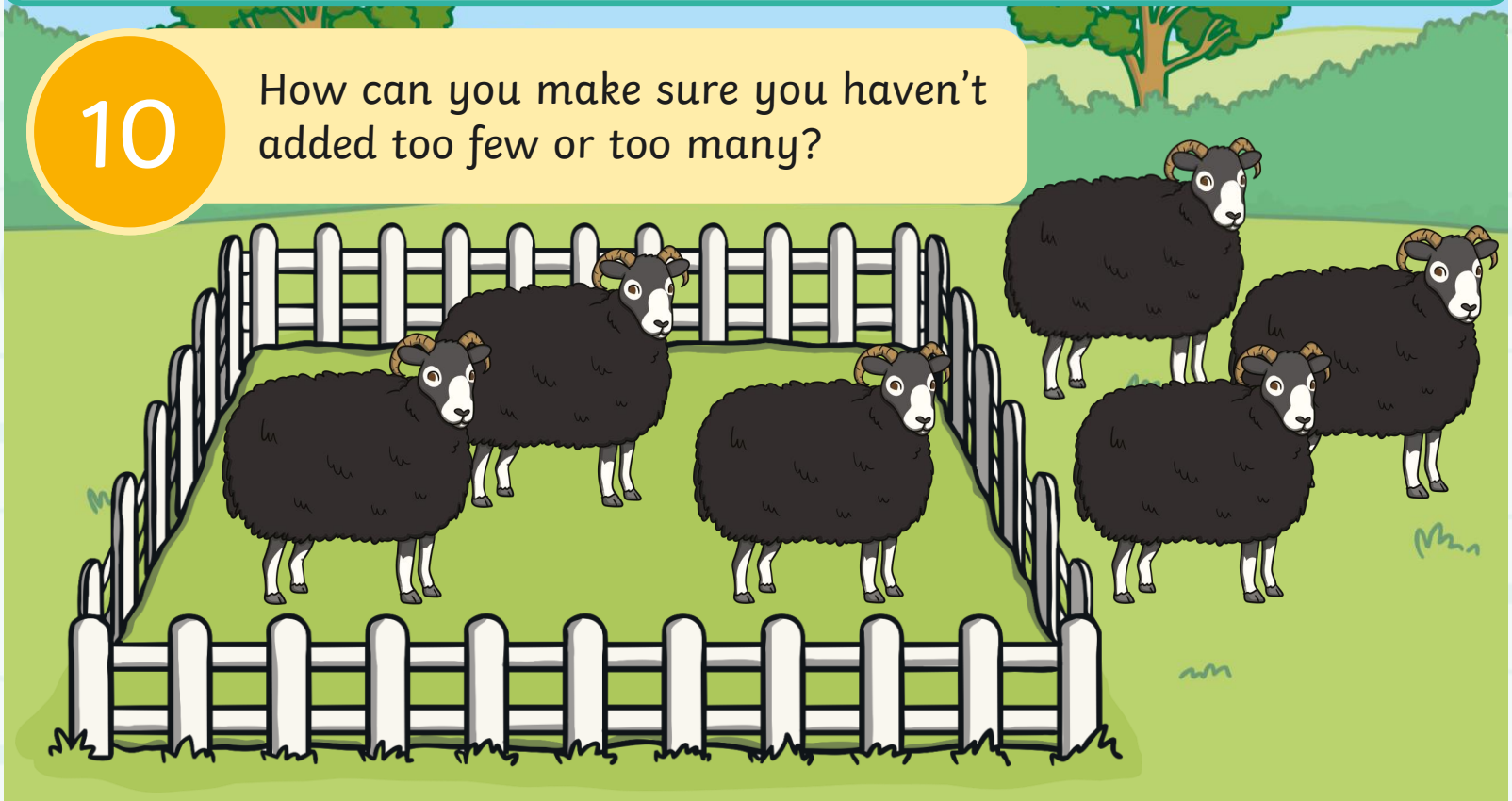
# And Again!



Can you help Farmer James by counting on as the sheep go in the pen?

10

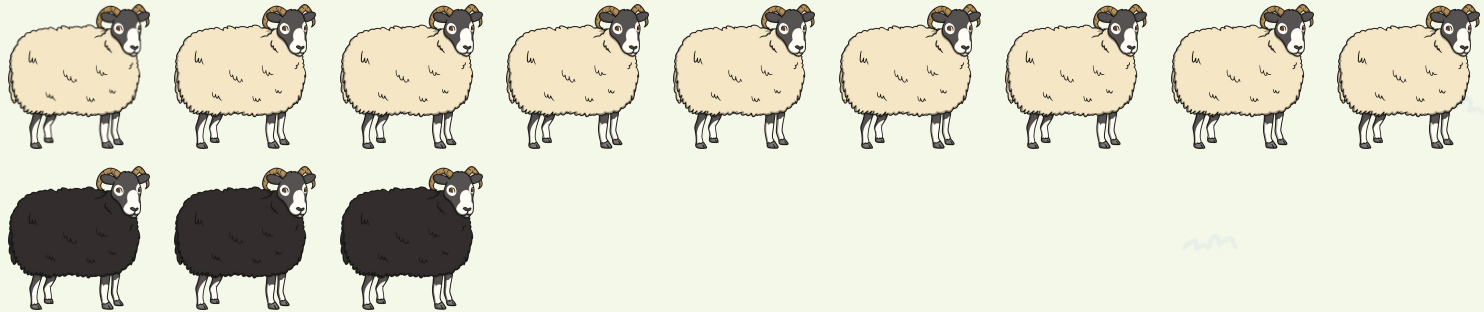
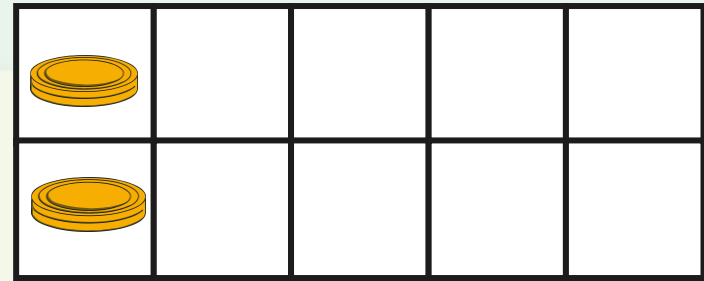
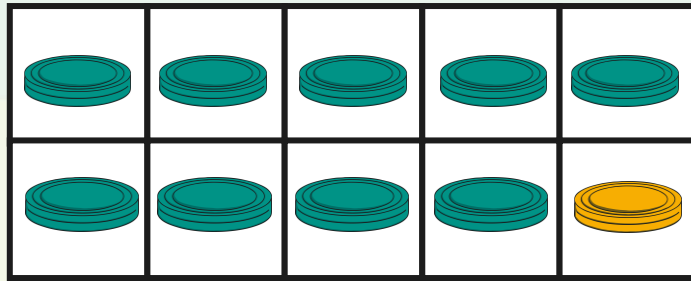
How can you make sure you haven't added too few or too many?



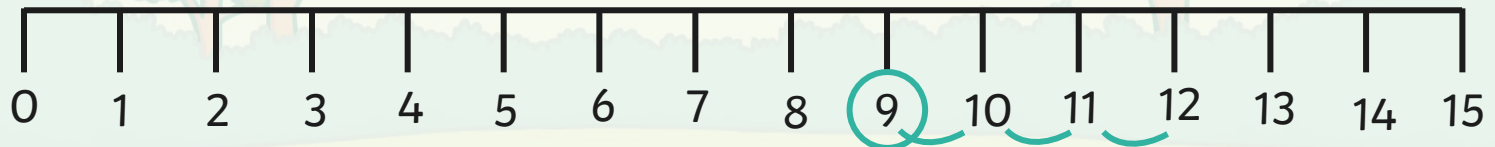
# And Again!



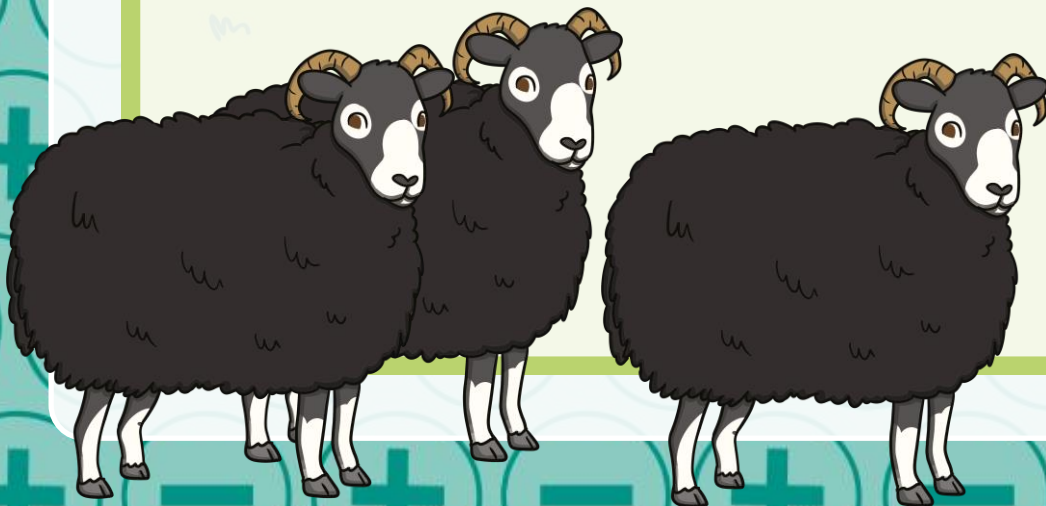
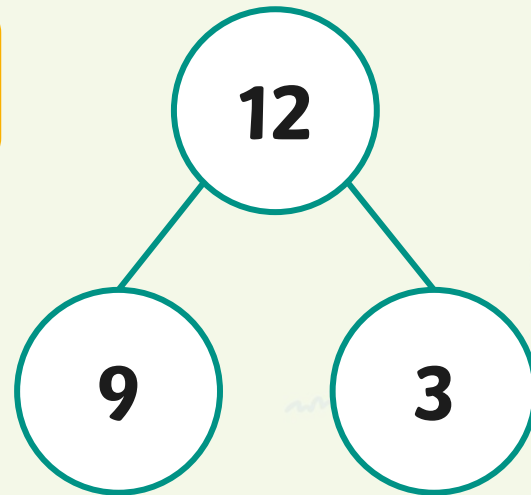
The farmer had 9 sheep and he found 3 more.  
What might that look like?



# And Again!



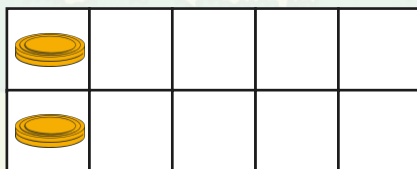
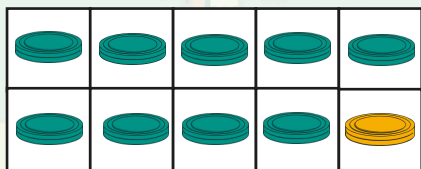
$$9 + 3 = 12$$



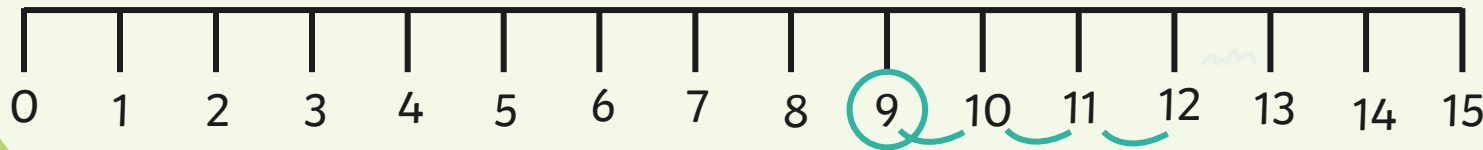
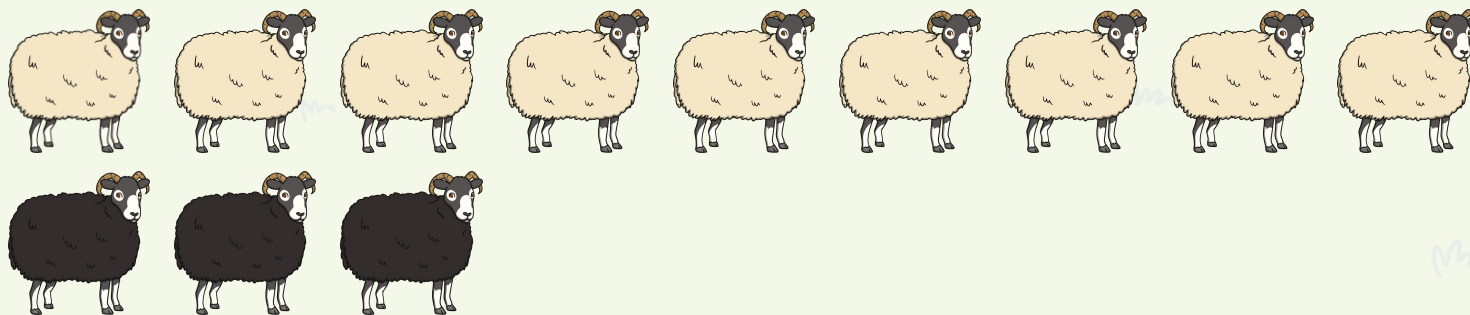
# And Again!



$$9 + 3 = 12$$



12	
9	3





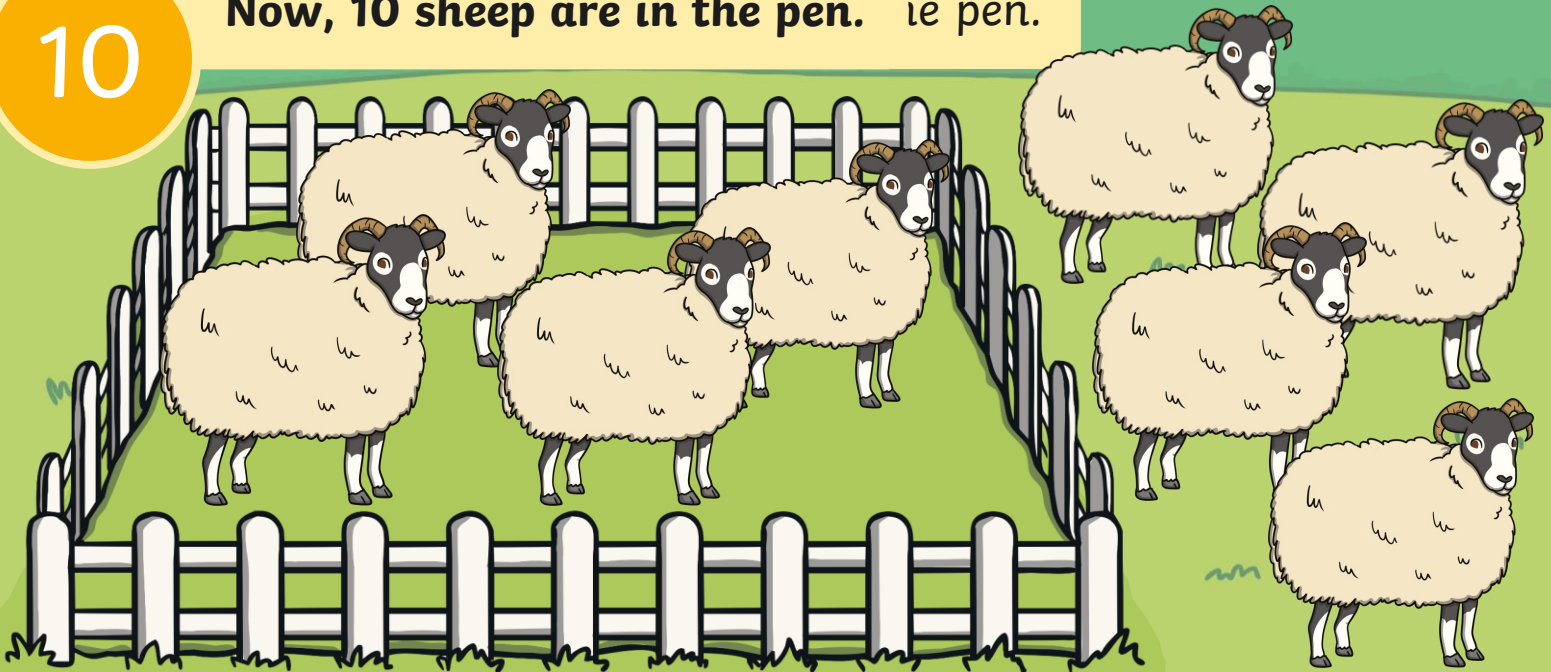
# And Again!



He's found some more sheep!  
Can you help Farmer James by counting on as the sheep go in the pen?

10

Now, 10 sheep are in the pen. 10 sheep.

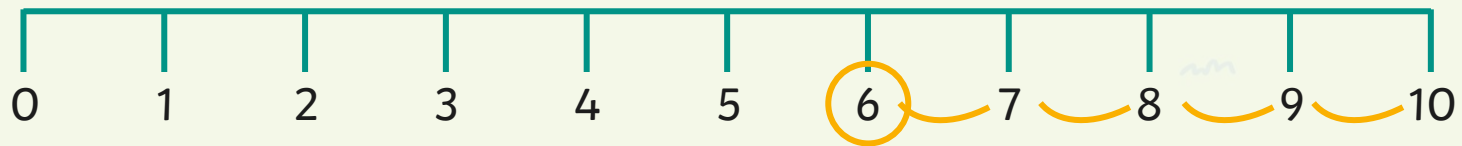
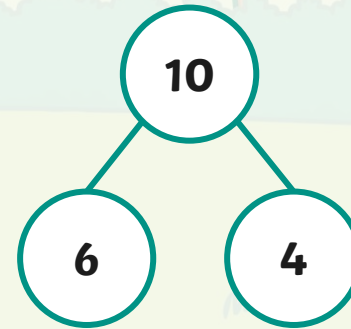
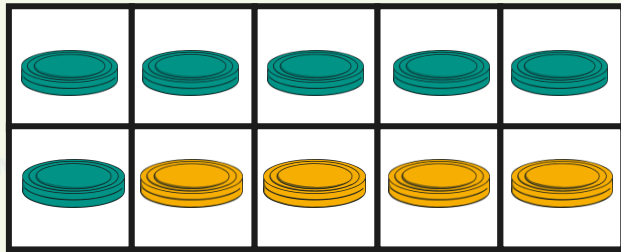


# And Again!



How many different ways can you find to represent 6 sheep and 4 more sheep?

$$6 + 4 = 10$$



# Sheep in a Pen



Now, complete your Sheep in a Pen Activity Sheet.  
Count on to add the extra sheep to the number already in each pen.

The image displays three overlapping activity sheets for the 'Sheep in a Pen' exercise. Each sheet is titled 'Sheep in a Pen' and includes a 'To add by counting on.' section with a number line and a 'Total' box. The sheets are numbered 1, 2, and 3.

**Sheet 1:** Shows a pen with 3 sheep. The text says '3 in the pen' and '3 sheep found'. The number line has the number 3 circled. The total box is empty.

**Sheet 2:** Shows a pen with 6 sheep. The text says '6 in the pen' and '4 sheep found'. The number line has the number 6 circled. The total box is empty.

**Sheet 3:** Shows a pen with 8 sheep. The text says '8 in the pen' and '6 sheep found'. The number line has the number 8 circled. The total box is empty.

Each sheet also features a ten-frame with sheep icons and a grid for recording the total number of sheep.

## Diving into Mastery



Dive in by completing your own activity!



### Add by Counting On



Some animals are in their homes.  
Some are outside. Count on to find the total.



3



How many chickens are there in total?

$$3 + \underline{\quad} = \underline{\quad}$$

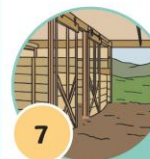


5



How many pigs are there in total?

$$\underline{\quad} + 3 = \underline{\quad}$$



7



How many horses are there in total?

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

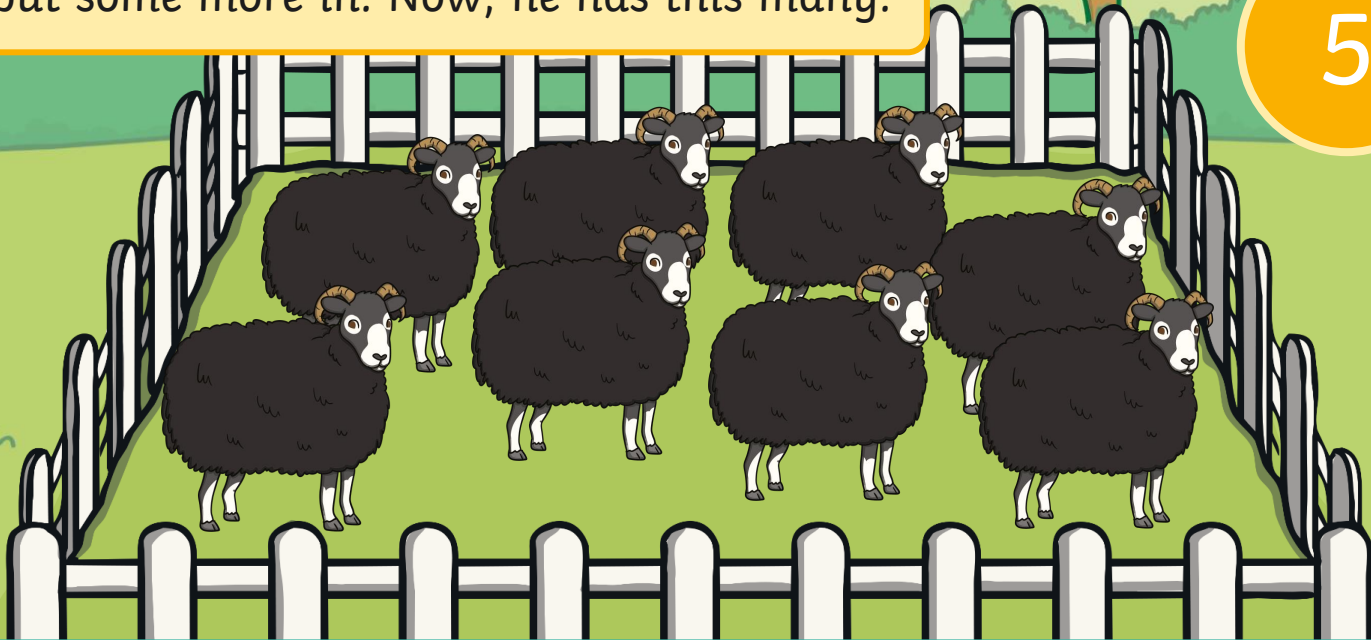
# How Many?



Farmer James had 5 sheep in the pen.

He put some more in. Now, he has this many.

5



How many more sheep did he find? Explain how you know.

# How Many?



A number line from 0 to 10 is shown. The number 5 is circled in orange. A curved orange line connects 5 to 6, and another curved orange line connects 6 to 7. Below the number line is a 2x5 grid. The top row contains five stacks of blue coins. The bottom row contains three stacks of yellow coins, followed by two empty cells. To the left of the grid is a tree diagram with a root circle containing the number 8, and two child circles containing the numbers 5 and 3. Below the grid is a yellow speech bubble containing the text: "He found 3 more sheep."

# Aim



- To add by counting on.

# Success Criteria

- I can start and stop in different places when I count.
- I can count on from the first number.
- I can keep track of how many I have counted on.

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