

Animal families



Aquinas Early Maths Series

Help your child to master maths in
Reception and Year 1

Book 4 – focus on 6 and 7



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and Katy McDaid

Getting the most from this book

This book will help your child with early maths. When you read it with them, take time to look at and talk about the pictures together.

This book shows how 6 and 7 are related to 5. It uses the idea of 'five and a bit'. 6 is presented as 5 and 1 more. 7 is understood as 5 and 2 more. That is why the book mainly shows groups of 5 and 1 or 5 and 2. This helps children with later addition and subtraction.

The animal pictures and numbers are connected to pictures of fingers and to a tens frame.

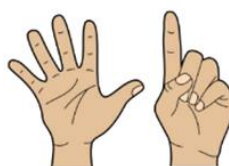
To understand 6 and 7 in depth, the books then shows other ways to make them. For example, 6 is made up of 4 and 2 and 3 and 3, as well as 5 and 1.



Help your child to know there are 5 fingers on a hand.

5 fingers on one hand

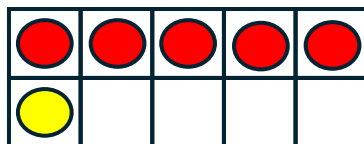
When we show 6 fingers like this picture, we want the children to do the same. It shows that 5 and 1 more is 6.



Five and more makes



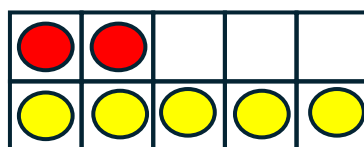
Five and more makes



5 red

1 yellow

6 is 5 and 1 more



5 yellow

2 red

7 is 5 and 2 more

Hello!

Pat Panda loves his family and he loves animals.

What are your favourite animals?



Can you help Pat to count how many animals there are in these animal families.

Count how many adults and how many baby animals there are each time.

Here is a mother goose and her little goslings.

Can you count how many are in the family?



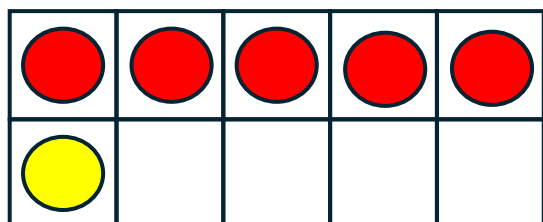
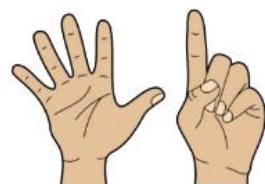
_____ little goslings

_____ mother goose.

_____ and _____ more make _____

Can you show me 6 like the picture?

Five and _____ makes _____



_____ red

_____ yellow

6 is _____ and _____

Here are some mother hens and little chicks.

Can you count how many there are?



_____ little chicks

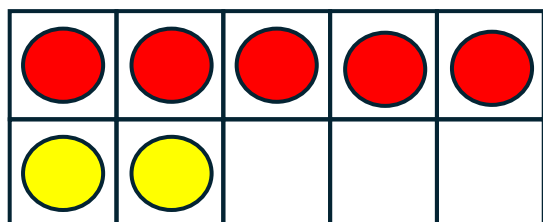
_____ mother hens

_____ and _____ make _____

Fingers out!

Can you show me 7 like the picture?

Five and _____ more makes _____



_____ red

_____ yellow

7 is _____ and _____

Here is a mother hen and her little chicks.

Can you count how many are in the family?



_____ little chicks

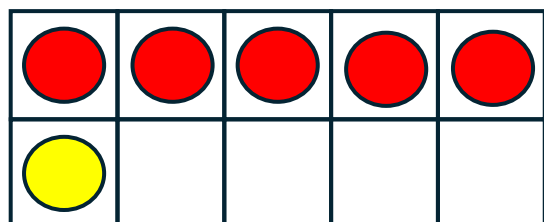
_____ mother hen

_____ and _____ make _____

Fingers out!

Can you show me 6 like the picture?

Five and _____ more makes _____



_____ red

_____ yellow

6 is _____ and _____

Here are some mother sheep and little lambs.

Can you count how many there are?



_____ little lambs

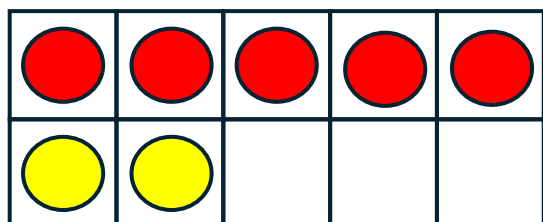
_____ mother sheep

_____ and _____ make _____

Fingers out!

Can you show me 7 like the picture?

Five and _____ more makes _____



_____ red

_____ yellow

7 is _____ and _____

Here is a duck's nest. How many ducks and eggs are there? Count them!



_____ eggs

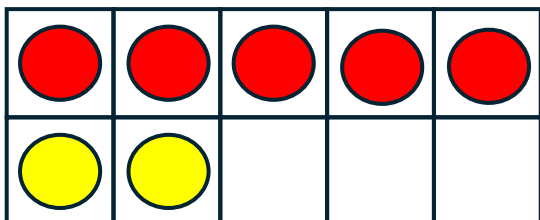
_____ ducks

_____ and _____ make _____

Fingers out!

Can you show me 7 like the picture?

Five and _____ more makes _____



_____ red

_____ yellow

7 is _____ and _____

Here are some eggs. One of them has hatched and a beautiful chick has come out. How many chicks will there be when all of the eggs have hatched? Count the chick and the eggs together.



_____ eggs

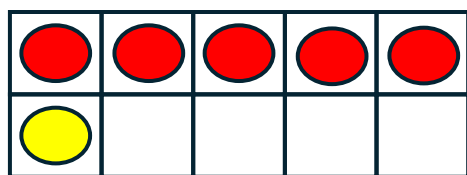
_____ chick

_____ and _____ make _____

Fingers out!

Can you show me 6 like the picture?

Five and _____ more makes _____



_____ red

_____ yellow

6 is _____ and _____

These goats are all brothers and sisters.

Can you count how many there are altogether?



_____ brown goats

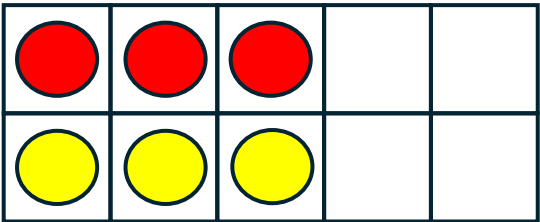
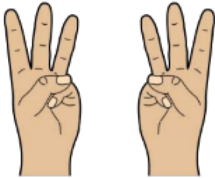
_____ white goats

_____ and _____ make _____

Fingers out!

Can you show me 6 like the picture?

_____ and _____ makes _____



_____ red

_____ yellow

6 is _____ and _____

These kittens are playing.

Can you count how many there are?



_____ on the ground

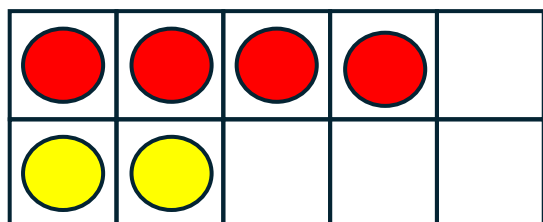
_____ in the bus

_____ and _____ make _____

Fingers out!

Can you show me 6 like the picture?

_____ and _____ makes _____



_____ red

_____ yellow

6 is _____ and _____

Here are some elephant mums and their little elephant calves. They love each other so much!

How many elephants are there altogether?



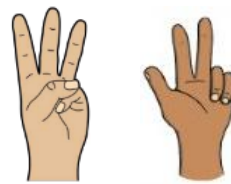
_____ elephant mums

_____ little elephant calves

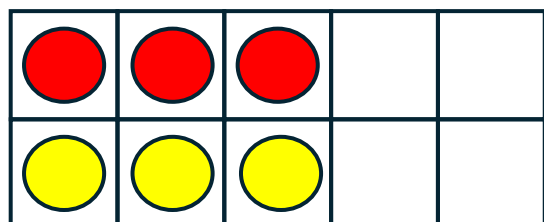
_____ and _____ make _____

Fingers out!

Can you show me 6 like the picture?



_____ and _____ makes _____



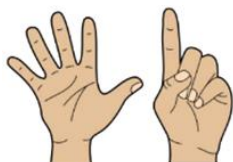
_____ red

_____ yellow

6 is _____ and _____

Practice with Pat

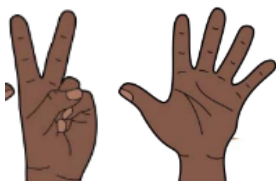
Can you help Pat to see how many there?



Five and __ more makes __



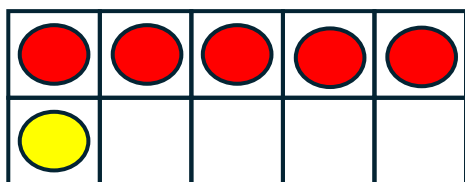
Five and __ more makes __



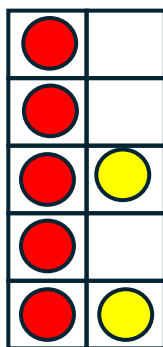
Two and __ more makes __



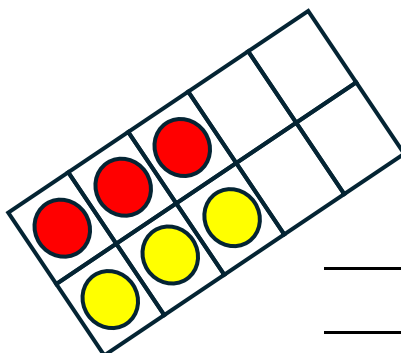
Five and __ more makes __



5 red
 ____ yellow
 5 and __ is ____



5 red
 ____ yellow
 ____ and ____ is ____



____ red
 ____ yellow
 ____ and ____ is ____

Your turn

Can you show 6 fingers?

How many ways can you show 7 fingers?

Try watching the BAFTA Award-winning Cbeebies show Numberblocks. These episodes are particularly good to understand the numbers between 6 and 10. They are available on BBC iPlayer

Series 2 Overview
stories and mathematics

Numbers to 10



Episode*	Name	Storyline	Mathematics
1	Six	The Numberblocks make a new friend who likes to roll the dice, and with <i>Six</i> in the mix, everything's a game.	- Meet <i>Six</i> - Counting (1 to 6) - Subitising (dice patterns)
2	Seven	It's a rainy day for a picnic, but when lucky number <i>Seven</i> appears, everything comes up rainbows.	- Meet <i>Seven</i> 7 is one more than 6 - Counting (1 to 7)
3	Eight	Numberland is rocked by the arrival of superblock <i>Eight</i> , known to his friends and fans as Octoblock.	- Meet <i>Eight</i> - Counting (1 to 8) 8 is one more than 7 - Subitising (8)
4	Nine	Numberblock <i>Nine</i> arrives in Numberland, finds a friend in <i>Four</i> , sings a song about squares... and sneezes!	- Meet <i>Nine</i> - Counting (1 to 9) - The structure of square numbers (4 and 9) - Partitioning and combining 9
5	Ten	<i>Ten</i> comes to town and tells the team what it's like to be a perfect ten-block, singing <i>I'm Ten Ones</i> and <i>I'm One Ten</i> .	- Meet <i>Ten</i> - Counting (1 to 10) 10 ones are equivalent to one 10.
6	Just Add One	<i>One's</i> idea of fun is singing, dancing and making friends by adding one!	- Adding 1 - Counting (1 to 10)
7	Ten Green Bottles	One of the bottles in <i>Ten's</i> collection accidentally falls off the wall and sparks a very numbery hullabaloo.	- Subtracting 1 - Counting (1 to 10) - Counting down 10 to 1
8	Counting Sheep	<i>Six</i> tries to get the cheeky sheep to sleep and discovers that two (or three) heads are better than one.	- Exploring equivalent ways to represent 6 - Partitioning 6 into equal groups - Factors of 6
9	Double Trouble	<i>One</i> explores the Double Dungeon of Doom in search of the golden apples and doubles all the way up to Octoblock.	- Doubling (1, 2, 4, 8) and halving - Partitioning 8 into equal groups
10	The Three Threes	When <i>Nine</i> needs a helping hand, he turns into a talented trio of bouncing blocks, the three <i>Threes</i> .	- Partitioning 9 into 3 equal groups - Partitioning is the inverse of combining

11	Odds and Evens	The Numberblocks play an exciting game of bounceball – it's the Even Tops versus the Odd Blocks.	• Odd and even numbers • Equal groups
12	Fluffies	<i>One</i> finds a friendly furball, two of them tickle <i>Two</i> and soon Numberland is full of fun and fluffies!	• Counting (1 to 8) • Number bonds within 7
13	Blast Off!	<i>Ten</i> promises to take the others on a trip to the moon but blasts off on her own. How will they get there?	• Count back from 10 to 1 • Number bonds that total 10
14	The Two Tree	The Numberblocks find a magic two-tree and play an action-packed game of throwing <i>Twos</i> .	• Subtracting 2 from numbers up to 10 • Counting in 2s
15	Numberblock Castle	<i>One, Two, Three and Four</i> have a castle-exploring adventure, with a little help from the friends they make along the way.	• Adding more than 1 to make 5 to 10

*These episodes were previously 16-30 of Series 1, but were renumbered on 10 September 2018; titles and content remain unchanged

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Mr Hollands says Snakes and Ladders is fun and a great way to help your child with early maths.

St Mark’s and Ladders

Mr Hollands says well done!

20

19

Mrs Broom says don't roll a 1!

18

17

16

11

12

13

14

Mrs Hughes says don't roll a 1!

15

10

9

Mrs Broom says try to roll a 1!

8

7

6

1

2

3

4

5

Start

To finish and win the game, the team must land exactly on the last square.