

# Year 1

## Numbers

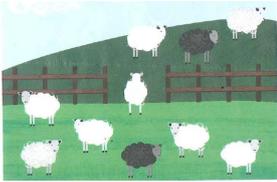
to 40

Children must become familiar with numbers up to 40. They should be able to represent each number using tens and ones like this:  $32 = \text{III} \text{ :}$  They should be able to say what one more and one less than each number is, and recognise which numbers are odd and which are even. Being able to count up in 2s, as well as spotting patterns in the numbers, will help children with this. Children also really need to get to grips with all of the addition and subtraction facts within 20. They should start to learn, for example, all numbers pairs that add up to 8.

## Activities & Games!

★ Number bonds: Can you write down, or say out loud, all the ways to make 6 in order e.g. 6 is: 6 and 0, 5 and 1, 4 and 2 etc.? You might want to draw the number bonds in multilink to help you do this:  Now investigate all the different ways to make other numbers up to 20. For example, can you say all the ways to make the number 18 in order (e.g. 18 is: 18 and 0, 17 and 1, 16 and 2 etc.)?

★★ Look at this picture:



What addition and subtraction sentences can you think of to do with this picture? For example,  $8 = 10 - 2$ . Can you draw your own picture to write some addition and subtraction sentences about?

★★★ Get an adult to call out a 2-digit number that is less than 40. Draw it using tens and ones. Count up in twos until you reach that number. Did you land on it exactly? If not, why not? Write down what number is one more AND one less than that number.

★★ Print off and try the activity on the next page. Try it with different numbers in the middle.

## Going deeper...

How many odd numbers are there between 3 and 11? How many odd numbers are there between 4 and 11? What do you notice? Can you explain why this is? Can you find any other pairs of numbers which have this same number of odds between them? Can you find a pair of numbers which have four odd numbers between them? Can you find another pair of numbers which have four odds between them? And another? How would you find a pair of numbers that have five odds between them? Six odds? How would you explain to someone how to find a pair of numbers that have a certain number of odds between them?

## Wonderful websites

## My Maths

Use our school log in (Username: **coleridge1**, Password: **success74**) and then your own log in details to access activities related to this topic on the MyMaths website.

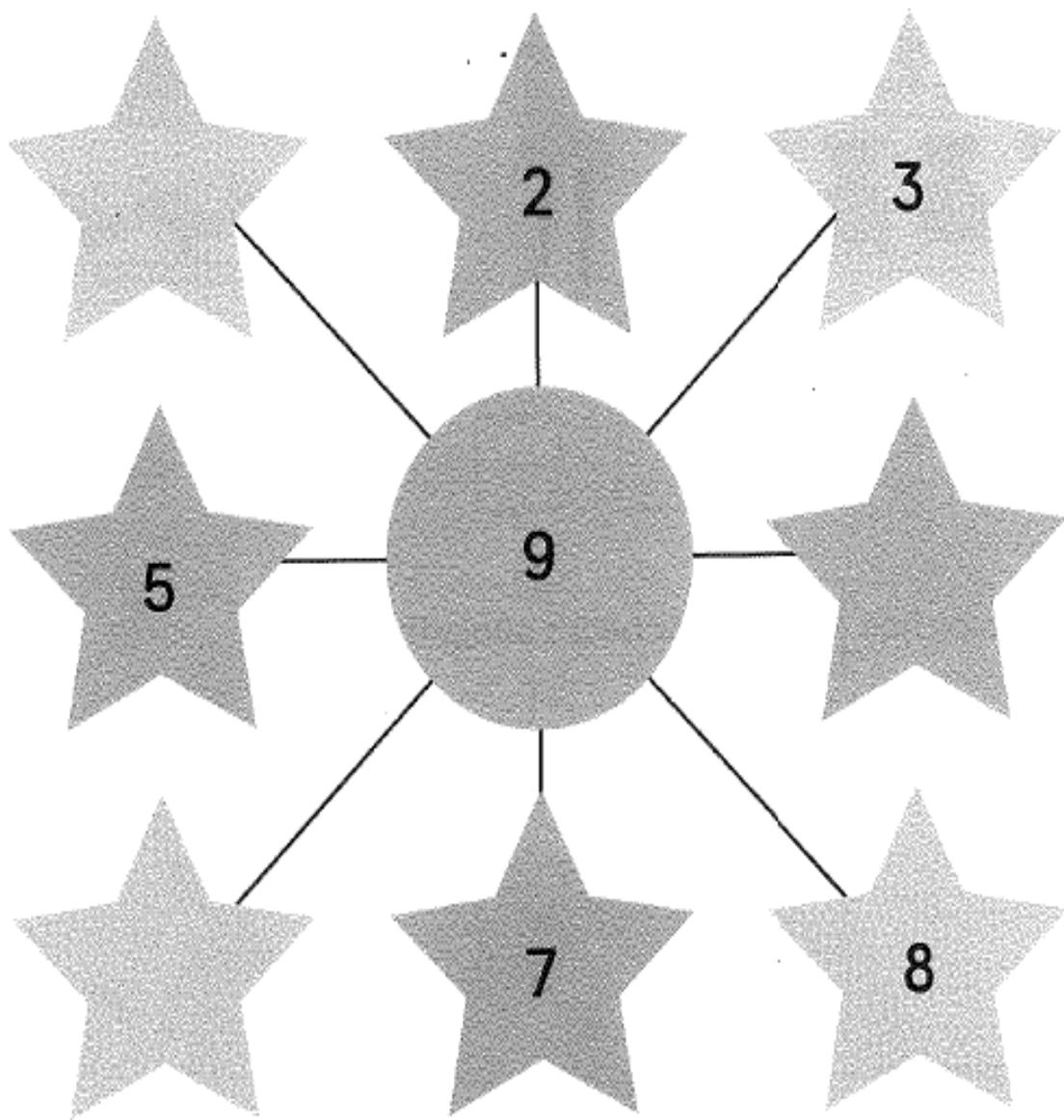
You can also have a look to see if there are some other fun games you would like to play!

[Flip Flop - Matching Cards](#)

[Dotty 6](#)—Watch the video first to see this game being played. Can you work out the rules?

[Cross The Swamp](#)—Choose addition and subtraction (Number Level 0 - 20). Help monkey cross the swamp by answering the addition and subtraction problems!

Write a number from 1 to 8 in each star.  
 Stars on the same line should add up to 9.  
 You can use each number only once.



How did you do it?

