

Year 1 Number Bonds: A Step-by-Step Guide for Parents

This step-by-step explanation to number bonds can help you support your child's learning at home. The subject is broken down into manageable chunks, providing you with a simple guide to follow when learning about year 1 number bonds, either to support your child's homework or if you decide to give your child some extra support. In this guide, you will find a step that matches your child's level of understanding and then have suggested activities which can be used to support that step.

Within **this area of the website**, you will find a selection of resources intended to help your child learn about each step of this guide. Each step also contains a keyword or phrase that you can use to search the Twinkl site for more resources and activities, designed to support your child in achieving that stage. Simply type the keyword or phrase into the search bar and press enter to explore together.



We hope you find the information on our website and resources useful. The contents of this resource are for general, informational purposes only. This guide is intended to offer parents general guidance on what subject areas tend to be covered in their child's year group and where they could support their children at home. However, please be aware that every child is different and information can quickly become out of date. There are some subject areas that we have intentionally not covered due to the nature of how they are taught or because a trained professional needs to teach these areas. We try to ensure that the information in our resources is correct but every school teaches the national curriculum in its own way. If you would like further guidance or are unsure in any way, we recommend that you speak to your child's teacher or another suitably qualified professional.

Number Bonds

What Are Children Taught about Number Bonds in Year 1?

In year 1, children are taught to:

- find number bonds within 10;
- find number bonds to 10;
- represent and use number bonds within 20.

This guide can help you support the learning of number bonds at home. Each step contains an explanation to that stage and a link to an appropriate resource which can be used at home to support your child's learning.

As well as using the resources in this category, and the keyword searches to help your child with addition and subtraction, below are a few ideas for games and activities to help your child practise adding and subtracting at home.

Number Bond Toys

Provide your child with 10 toys. Ask them to find different ways of separating the group to make a number bond to for example, your child could separate the group into 4 and 6. Count the toys in each group with your child and say the numbers aloud, '4 and 6 make 10.'

Secret Agent Bond

Write pairs of number bonds on separate sheets of paper, for example, 3 and 7 (you could also represent the numbers pictorially with dots). Do this for all number bonds to 10. Then hide the numbers around your home. Tell your child that they are going to be a secret agent looking for number bonds. They have to find a pair of numbers that are number bonds of ten and bring them back to you.

Number Bond Buttons

Your child can use getting dressed as an opportunity to practice number bond buttons. If a shirt or a dress has buttons on, count how many there are altogether with your child (for example, 8). Fasten a few buttons. Discuss how many are fastened and unfastened and what their total is. Button one more and discuss how many are buttoned and unbuttoned now. This will help your child to find pairs of factors of the total number of buttons.

The Penny Shop

Make a play shop at home (you can use items such as toys, clothes etc.). Give your child ten 1p coins. Place a price (between 1p and 10p) on each item in the shop and then encourage your child calculate what their change should be each time they buy an item. The two amounts, the price and the change, are number bonds of the total amount of coins you gave them at the start.



Step 1

Number Bonds within 10

A number bond is also referred to as a number pair. They are basically pairs of numbers that add to a given number. For example, $1 + 7$, $2 + 6$ and $4 + 4$ are all number bonds of 8. In year 1, children learn to add number bond facts below 10 and the corresponding subtraction facts. For example, if they know that $2 + 7 = 9$, then you can use this knowledge to calculate $9 - 7 = 2$ and $9 - 2 = 7$.

At home, try these addition to 10 worksheets to help your child practise learning number bonds to 10 and the corresponding subtraction facts. To practise the corresponding subtraction facts, why not encourage your child to have a go at this **Sweet Subtraction** activity too?



Find All the Number Bonds to 10

Once your child has become familiar with working with number bonds below 10, they will also be introduced to number bonds that make 10. The number bonds for 10 are: $1 + 9$, $2 + 8$, $3 + 7$, $4 + 6$ and $5 + 5$. Visual representations of numbers are often used to help children learn number bond facts to 10. These worksheets include lots of activities and visual aids to help your child practise number bonds to 10 at home.

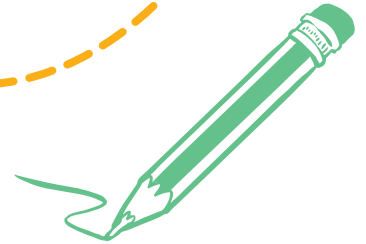
Step 2



Step 3

Practise Number Bonds to 20

Children can use their knowledge of number bonds to 10 to help them with number bonds to 20. For example, they will have learnt that $7 + 3$ is a number bond to 10, so they should be able to recognise that $17 + 3$ and $7 + 13$ are number bonds to 20. You can show this using household objects by having a group of 17 and a group of 3 and discussing their total. You could also provide your child with 20 objects and ask them to work out the different ways to make 20. These challenge cards can be used at home to help your child practise and learn the number bonds of 20.



Explore and Discover More

Twinkl Go! is a digital platform, hosting interactive content such as videos, games, audiobooks and more. Twinkl Go! enables digital content to be streamed to your computer or mobile device.



twinkl
Go!



twinkl
Book Club

Twinkl Book Club is our book subscription service. Enjoy our original works of fiction in beautiful printed form, delivered to you each half-term and yours to keep!



twinkl
Boost

Twinkl Boost is a range of intervention resources, created to support and lift learning with children at every level. These include our easy-to-use SATs and Phonics Screening resources.



twinkl
imagine

Imagine resources are designed to help your children to think creatively, question and imagine. Every week, a new topic consisting of five photos, each with related activities, is created.



twinkl
ORIGINALS

Twinkl Originals are engaging stories written to inspire pupils from EYFS to KS2. Designed to encourage a love of reading and help curriculum-wide learning through accompanying



twinkl
KIDS' TV

Twinkl Kids' TV is our wonderful YouTube channel dedicated to fun and informative video-style resources full of new and creative activities you can try at home!