

Activity:

The aim of this activity is for children to practise finding and making number bonds within 20. There are a number of questions to complete. The first four questions allow children to practise the skill, while the next three questions extend them as they have to apply their learning to get the answer.

Vocabulary:

A **calculation** is a way to determine an amount. It may involve addition, subtraction, multiplication or division.

Digit cards refers to a physical resource which can be used to create numbers. The digits 0 to 9 are written on individual cards (or paper) and can be ordered to make different numbers. They are especially useful when investigating the value of digits within a number on a place value chart.

A **part-whole model** is a concept to show how numbers can be split into different parts. They can be used to represent numbers, as well as a wide variety of calculations. The concept follows the structure $\text{part} + \text{part} = \text{whole}$, but this may change depending on how many parts there are.

Supporting resources:

You can watch a video tutorial about finding and making number bonds on [kids.classroomsecrets.co.uk](https://www.classroomsecrets.co.uk) >> **Year 1** >> **Maths** >> **Addition and Subtraction** >> **Video Tutorials**.

You can watch the answer explanation video which takes children through this activity and ways to answer it on <https://www.youtube.com/user/ClassroomSecretsLtd/playlists> >> **Year 1 Playlist** >> **Find and Make Number Bonds Answer Explanation**.

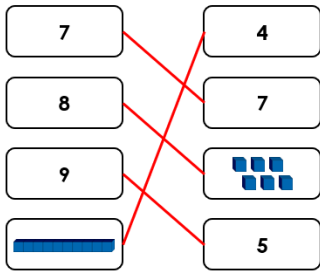
Other resources:

If your child enjoyed this activity and wants to try more activities linked to this learning, you can sign up for £4.83 per month on [classroomsecrets.co.uk/membership](https://www.classroomsecrets.co.uk/membership).

Check out our daily timetable for Year 1 home learning activities on [kids.classroomsecrets.co.uk](https://www.classroomsecrets.co.uk) >> Home Learning Timetable.

Find and Make Number Bonds

1. 3 + 4 = 7; 3 + 14 = 17
2. 14 + 6 = 20 or 4 + 16 = 20
3. Alfie is incorrect. The missing number is 18.
4. The numbers should be matched as shown below:



5. Various answers, for example $9 + 7 = 16$; $10 + 6 = 16$; $11 + 5 = 16$
6. $6 + 12 = 18$; $13 + 2 = 15$; $2 + 3 = 5$; $2 + 6 = 8$
7. No, Freya is incorrect because $16 + 3$ does not equal 20. The correct number bonds are: $16 + 4 = 20$ or $6 + 14 = 20$