

# KEY INSTANT RECALL FACTS

## YEAR 1 – AUTUMN 1

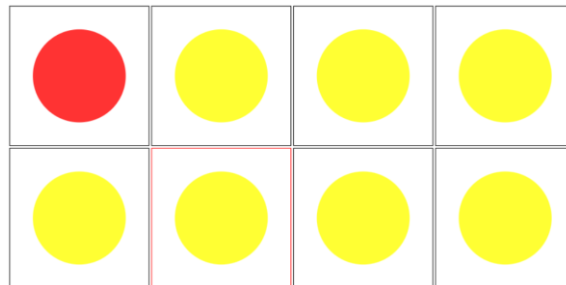
### I CAN RECALL NUMBER BONDS WITHIN 10

By the end of this half term, children should be able to instantly recall the numbers that add together to make all the numbers up to 9. This unit is preparing the children to recall bonds to 10 and beyond.

Please note, where we have provided links to online activities we expect children to seek parent/carer permission to do this first.

Children should be able to recall all the pairs of number that make the numbers 1-9.

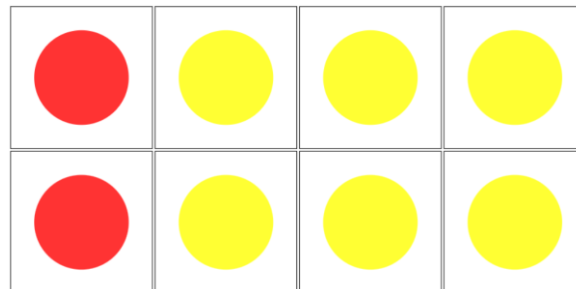
To begin with, it may be helpful to use visual representations like these ones for making 8:



Describe what they see:

1 and 7 makes 8

$$1 + 7 = 8$$



2 and 6 makes 8

$$2 + 6 = 8$$

You can make these number frames, changing the total number and the colour of the counters using:

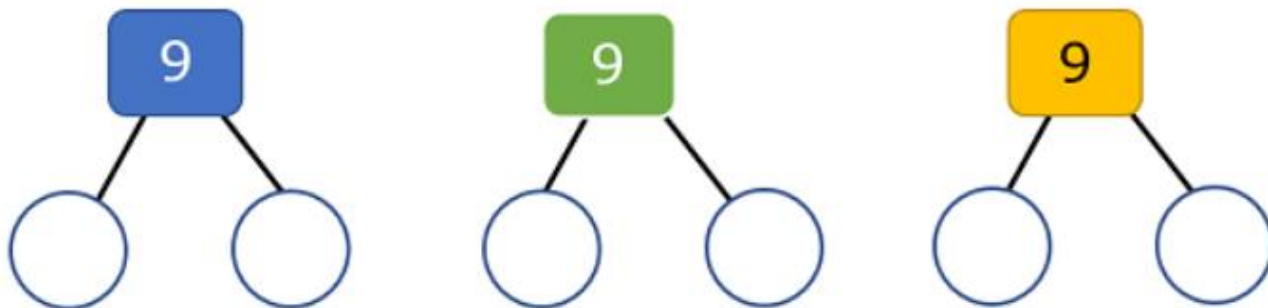
<https://mathsbot.com/manipulatives/tenFrame>

or click on the QR code:



Alternatively, simply use a collection of small objects and try making them into different groups. For example, 4 buttons and 2 buttons make 6, so  $4 + 2 = 6$ .

Once children can manipulate objects to explore different ways of making given numbers, try completing some part-whole diagrams:



Write the numbers that make 9 in each model.

Then try completing number sentences. Seeing them in sequence helps to understand the pattern:

$$0 + 9 = 9$$

$$1 + \underline{\quad} = 9$$

$$2 + \underline{\quad} = 9$$

$$3 + \underline{\quad} = 9$$

$$4 + \underline{\quad} = 9$$

$$5 + \underline{\quad} = 9$$

$$6 + \underline{\quad} = 9$$

$$7 + \underline{\quad} = 9$$

$$8 + \underline{\quad} = 9$$

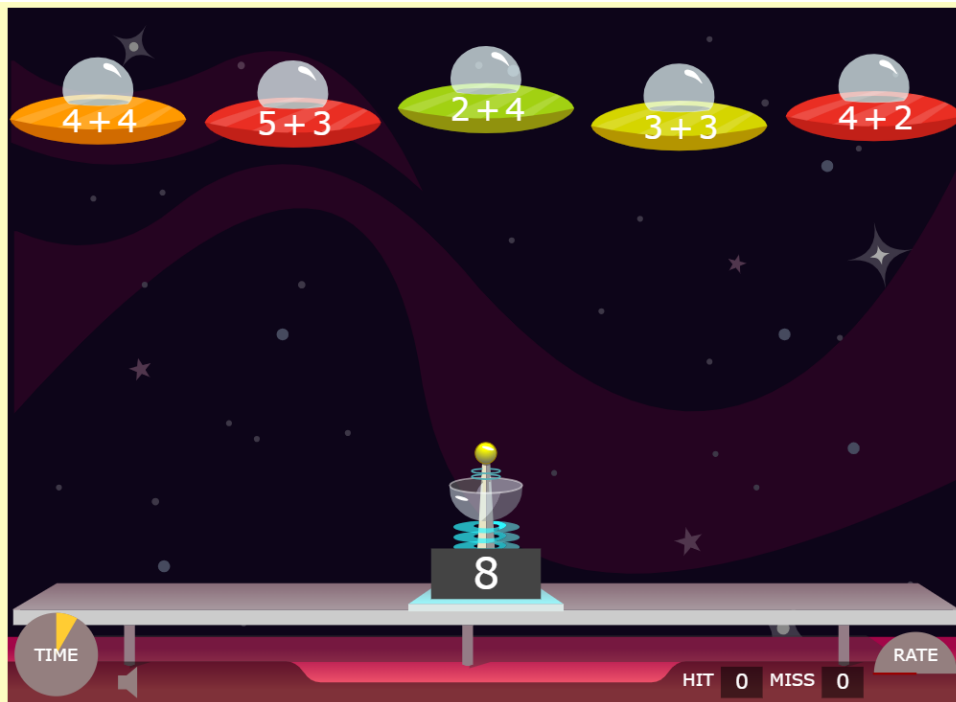
$$9 + \underline{\quad} = 9$$

Ask the children what they notice about the pattern. Then try providing the second number and omitting the first number e.g.  $\underline{\quad} + 8 = 9$

To try more of these for other numbers: [www.ixl.com/math/kindergarten/ways-to-make-a-number-addition-sentences-up-to-10](http://www.ixl.com/math/kindergarten/ways-to-make-a-number-addition-sentences-up-to-10)



If your child is feeling confident, they can test their number bond knowledge with a game of Alien Addition: [www.arcademics.com/games/alien](http://www.arcademics.com/games/alien)



To start, click 'play' and enter a name. Read the instructions and then enter the content range from 1 – 9. Choose the speed – you may want to start slow. Then click 'start' – you may want to turn the sound down or even off! Good luck.