I know pairs of numbers that make 10
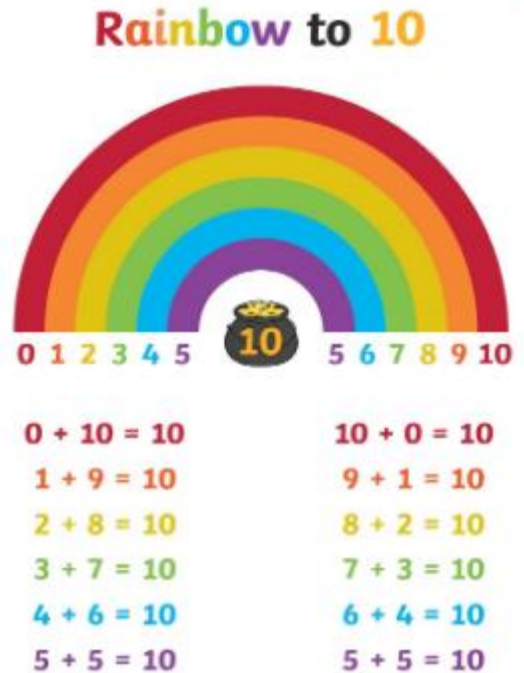
By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

What are **number bonds to 10**? **Number bonds to 10** are pairs of **numbers** that, when added together, give the **number 10**. They can also be called '**number** pairs' or '**number** partners

Rainbow to 10

0 1 2 3 4 5   10   5 6 7 8 9 10

0 + 10 = 10	10 + 0 = 10
1 + 9 = 10	9 + 1 = 10
2 + 8 = 10	8 + 2 = 10
3 + 7 = 10	7 + 3 = 10
4 + 6 = 10	6 + 4 = 10
5 + 5 = 10	5 + 5 = 10

Top Tips The secret to success is practising little and often. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey

Play games
- http://www.topmarks.co.uk/maths-games/5-7-years/addition-and-subtraction Play Alien Pairs to 10, Number Bond Machines, Ways to Make...... all games that help you to learn the pairs of numbers that make 10.
- http://www.mathplayground.com/index_addition_subtraction.html Play number Bonds to 10, Number Bonds to 20, Number Pairs 10 (lets you choose target number)
- http://www.ictgames.com Play Funky Mummy to practice addition facts

I know Addition facts within 10

By the end of this half term, children should know facts like the examples below. The aim is for them to recall these facts instantly.

What are addition facts within 10?

They are numbers that, when added together, give the number up to 10.

1 + 1	2 + 1	3 + 1	4 + 1
5 + 1	6 + 1	7 + 1	8 + 1
9 + 1	1 + 2	2 + 2	3 + 2
4 + 2	5 + 2	6 + 2	7 + 2
8 + 2	1 + 3	2 + 3	3 + 3

They should be able to answer these questions in any order, including missing number questions e.g. 1 ⊕ = 10 or 9 ⊖ = 8.

Snap Challenge.

At random times during the day call out "Snap Challenge! What's 3 plus 6?" Your child must answer as quickly as possible. The aim is for them to be able to recall instantly all the number bonds / maths facts up to 10. Encourage your child to Snap Challenge you, too.

Vary vocabulary, using and, plus, equals, is equal to, is the same as, makes etc. Show the children that a + sign means "and" or "plus" and that an = sign means "equals" or "is the same as".

I can solve missing number problems (+ and -)

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

Make sure your children know the numbers facts well. Using facts to solve problems means understanding that subtraction is the inverse of addition and vice versa. Therefore, if you know that 7 + 3 = 10, you could find the missing number in 10 – ? = 3 by using the same numbers

a. $\boxed{\cdot\ \ \cdot}$ + $\boxed{\ }$ 2 + _____ = 4	b. $\boxed{\cdot}$ + $\boxed{\ }$ 1 + _____ = 1	c. $\boxed{\ }$ + $\boxed{\cdot}$ _____ + 1 = 5
d. $\boxed{\cdot\cdot\cdot}$ + $\boxed{\ }$ 3 + _____ = 5	e. $\boxed{\ }$ + $\boxed{\cdot}$ _____ + 1 = 4	f. $\boxed{\cdot\cdot}$ + $\boxed{\ }$ 2 + _____ = 3

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Missing Number Ladder:
https://www.starfall.com/h/addsub/addsub-ladder/?sn=math1--matho

I know doubles and halves within 10

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

Children are expected to understand and begin to read and write a variety of terms associated with doubling and halving, including: Double, twice, half, halve, divide by two, divide into two. They should also understand that ½ means a half. It will be expected that children will be able to recall the doubles of numbers up to 10 and the corresponding halves.

Ask questions such as those below on a frequent basis.
➢ Double 4.
➢ What are two threes?
➢ One bar of chocolate cost 5p. What would two bars cost?
➢ What is twice 2 ?
➢ What is half of 10
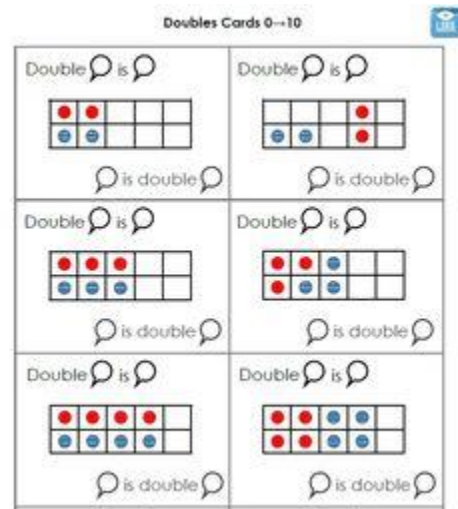
Doubles Cards 0→10

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Numberblocks Double Trouble:
https://www.youtube.com/watch?v=Bot83VxMLqM

Key Instant Recall Facts
Year 1
Summer 1

I know number bonds that make 20

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

What is a number bond to 20?
- If we know that 13 + 7 = 20, we should also know.

7 + 13 = 20.

20 - 13 = 7.

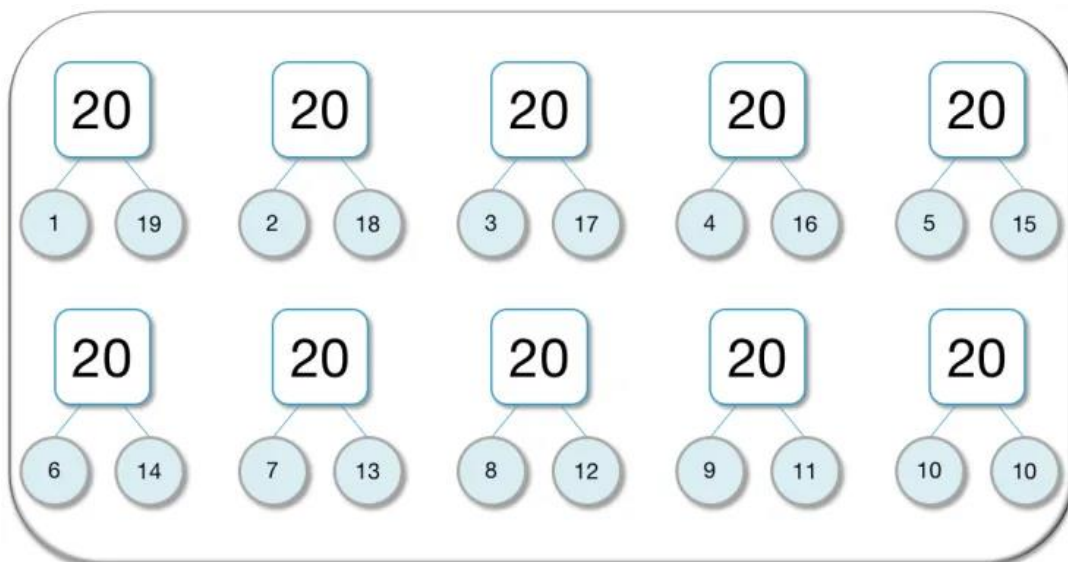20 - 7 = 13.

- And if we switch the equation on either side of the equals sign, we could add to this...

20 = 13 + 7.

20 = 7 + 13.

7 = 20 - 13

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Key Instant Recall Facts
Year 1
Summer 2

I can count in twos, fives and tens from 0

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

Skip Count by

2's	5's	10's
2	5	10
4	10	20
6	15	30
8	20	40
10	25	50
12	30	60
14	35	70
16	40	80
18	45	90
20	50	100

What is skip counting?
Skip counting can be defined as the method of counting forward by numbers other than 1.

To skip count, we keep adding the same number each time to the previous number.

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Scratch Garden Songs:
https://www.youtube.com/watch?v=GvTcpfSnOMQ
https://www.youtube.com/watch?v=EemjeA2Djjw
https://www.youtube.com/watch?v=Ftati8iGQcs&list=PLM95c
b_Szq3am4n6jJw127QbBlDivZgIc