I can read and write numbers to 20 in numerals and words

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

1	one	11	eleven
2	two	12	twelve
3	three	13	thirteen
4	four	14	fourteen
5	five	15	fifteen
6	six	16	sixteen
7	seven	17	seventeen
8	eight	18	eighteen
9	nine	19	nineteen
10	ten	20	twenty

Key Questions

How do we write the number twelve in numerals?

What number comes after 8?

How do we write the number 4 in words?

Children should be able to read and write the numbers 1 to 20 (in numerals and words) in order.

Top Tips

The secret to success is practising little and often. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practice them all at once, perhaps you could have a fact a day.

- Ask children to count out loud from 1 to 20.

- Children use different coloured pens, chalks etc to write the numbers in order.

- Adult says a number and the child writes it down (numerals and words).

- Online game: http://www.sheppardsoftware.com/mathgames/earlymath/BalloonCount20.htm

- Children order numbers written on separate pieces of paper (numerals and words).

- Adult writes numbers where some of the digits are reversed. Can children spot which are written incorrectly and correct them?

- While out and about, can children recognize the numbers on doors/registration plates?

I know number bond facts for 10

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

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

Key Questions

What two numbers add together to make 10?

5 and what make 10?

What is 10 – 3?

If 6 + 4 = 10 what other number facts do we know?

Children should be able to answer these questions in any order and know the answer to missing number questions such as 3 + ☐ = 10   or   10 - ☐ 2 =
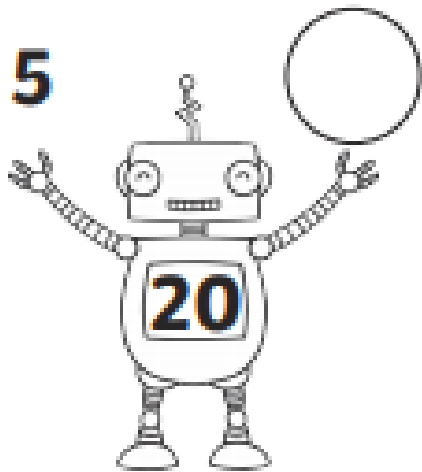
Top Tips

The secret to success is practising little and often. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practice them all at once, perhaps you could have a fact a day.

- Practise singing the number bond rhyme every day (see reverse).

- Find number bond songs online to help your child practise the number bonds.

- Put 10 pegs on a hanger, children to slide pegs along hanger to make number bonds to 10

- Apply these facts to real life situations e.g.

  If I gave you 4 sweets, how many would I need to give to make 10?

- Children to fill in the missing numbers in number sentences written by adults.

- Online game: http://topmarks.co.uk/maths-games/hit-the-button (Number bonds to 10)
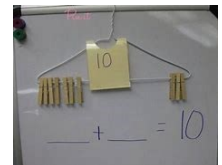
Number Bonds to 10

0 and 10 are big strong men

1 and 9 get along fine

2 and 8 are always late

3 and 7 come from Devon

4 and 6 like to play tricks

5 and 5 jump and jive

6 and 4 knock on the door

7 and 3 climb the tree

8 and 2 go to the zoo

9 and 1 play the drum

10 and 0 are super heroes

I can recall number bonds to 20.

By the end of this half term, children should be able to recall all of the number bonds to 20.

0 + 20 = 20

1 + 19 = 20

2 + 18 = 20

3 + 17 = 20

4 + 16 = 20

5 + 15 = 20

6 + 14 = 20

7 + 13 = 20

8 + 12 = 20

9 + 11 = 20

10 + 10 = 20

Key Questions:

What number do we add to ..... to make 20?

If I have ..... sweets, how many more do I need to add to make 20?

Top Tips

The secret to success is practising little and often. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practice them all at once, perhaps you could have a fact a day.

• Use numbers that you see in the environment around you (up to 20) and see if you can remember the number bond fact.

• Online game: https://www.topmarks.co.uk/maths-games/hit-the-button

(Click on the green number bonds button, then select 'Make 20')

• Robot game: have a go at completing the robots on the other side of this sheet. Remember – the two numbers need to add together to make 20.
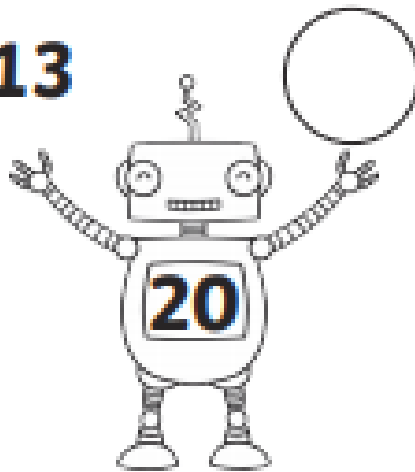
Number Bonds to 20

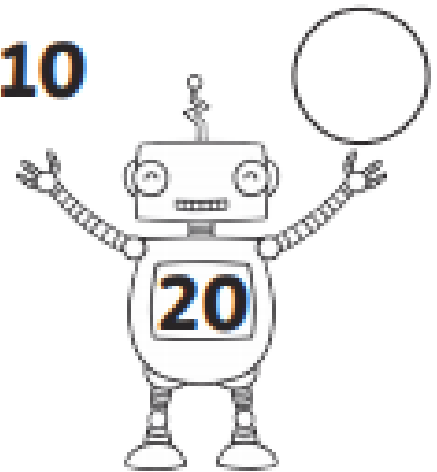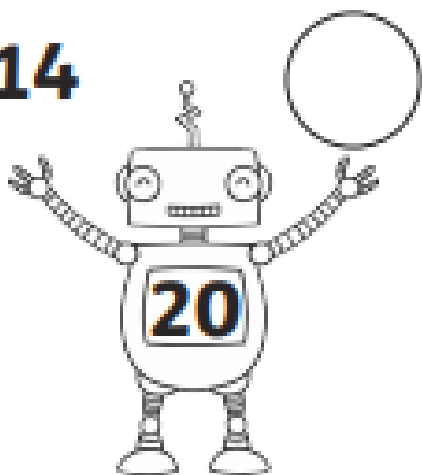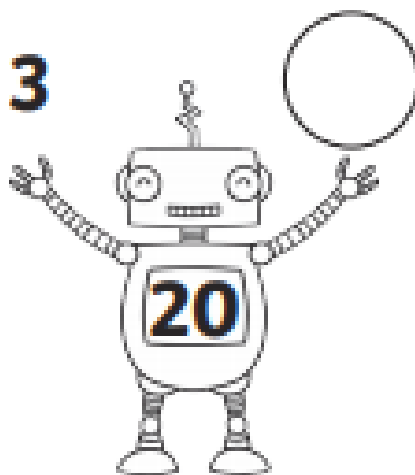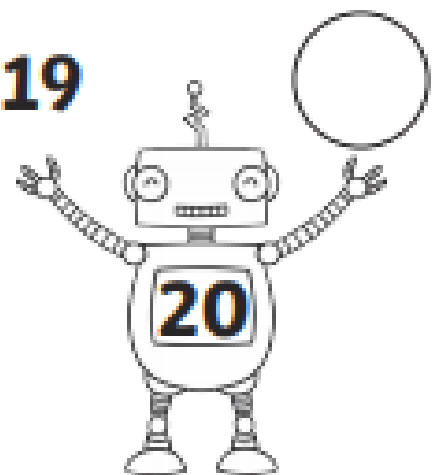Can you find the missing number bond to make 20?

5   13   10

14   3   19

6   16   8