

# Key Instant Recall Facts

## Year 3 – Autumn 1

### Count on and back in 10s and 1s.

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

Count on and back in 10s and 1s  
from any 2 digit number;

23, 33, 43, 53.....

97, 87, 77, 67 .....

86, 87, 88, 89 .....

54, 53, 52, 51 .....

#### Key Vocabulary

What do I **add** to 5 to make 15?

What is 17 **take away** 10?

What is 10 **less than** 45?

**How many more** than 8 is 88?

#### 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? You don't need to practise them all at once: perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Practical – write out a single digit and keep adding 10 – explain what is happening – 2,12,22,32,42..... Once secure count backwards in 10s – explaining the pattern

Play games;

<http://www.ictgames.com/100huntplus10.html>

<http://www.ictgames.com/submarinenopad2.html>

# Key Instant Recall Facts

## Year 3 – Autumn 2

### I can double and halve numbers up to 100.

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

6 doubled is 12

11 doubled is 22

16 doubled is 32 – *double 10 then double 6*

Half of 20 is 10

Half of 42 is 21 – *halve 40 than halve 2*

#### Key Vocabulary

What is double.....

What is half of .....

Divide by 2.....

Multiply by 2.....

*If your children can halve even numbers  
try them on odd numbers – half of 5 is 2 ½*

#### Top Tips

The secret to success is practising **little** and **often**. Use time wisely. You don't need to practise them all at once: perhaps focus on doubling first just numbers up to 10, then 20 and so on before moving to halving. If you would like more ideas, please speak to your child's teacher.

Practise – random recall of numbers – what is 5 doubled? Can you double 7? What is half of 20? Divide 16 by 2

Games –

<http://www.mathszone.co.uk/number-facts-xd/doubling-halving/>

<http://www.topmarks.co.uk/Flash.aspx?f=dartboarddoublesandhalves>

Playing cards – deal out playing cards to make a 2 digit number – can you double it / halve it?