# Key Instant Recall facts
# Year 4 – Autumn 1

## To know number bonds to 100.
## Count in 25s and 1000s.

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

| Numberbonds to 100 | | Count in 25s | Count in 1000s |
|---|---|---|---|
| Some examples: | | 0 | 0 |
| | | 25 | 1000 |
| 60 + 40 = 100 | 37 + 63 = 100 | 50 | 2000 |
| 40 + 60 = 100 | 63 + 37 = 100 | 75 | 3000 |
| 100 – 40 = 60 | 100 – 63 = 37 | 100 | 4000 |
| 100 – 60 = 40 | 100 – 37 = 63 | 125 | 5000 |
| | | 150 | 6000 |
| 75 + 25 = 100 | 48 + 52 = 100 | 175 | 7000 |
| 25 + 75 = 100 | 52 + 48 = 100 | 200 | 8000 |
| 100 – 25 = 75 | 100 – 52 = 48 | 225 | 9000 |
| 100 – 75 = 25 | 100 – 48 = 52 | 250 | 10,000 |
| | | 275 | 11,000 |
| | | 300 etc | 12,000 etc |

| Key Vocabulary | Key Vocabulary |
|---|---|
| What do I add to 65 to make 100? | How many 25s make 100? |
| What is 100 take away 6? | So how many 25s will make 200? etc |
| What is 13 less than 100? | Multiply 1000 by 6. |
| How many more than 98 is 100? | What are 4 lots of 25? T |
| What is the difference between 89 and 100? | |

| | |
|---|---|
| This list includes some examples of facts that children should know. They should be able to answer questions including missing number questions  e.g. 49 + ◯ = 100 or 100 – ◯ = 72 | Try counting on in 25s from 0 or any multiple of 25. Can your child see how counting in 25s relates to fractions, decimals, fractions? |

## 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. **Buy one get three free** - If your child knows one fact (e.g. 81 +19 = 100), can they tell you the other three facts in the same fact family?

**Use number bonds to 10** - How can number bonds to 10 help you work out number bonds to 100?

**Play games** – There are missing number questions at
http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html  See how many questions you can answer in just 90 seconds. There is also a number bond pair game to play.

**Roll a number** – Use 2 dice to create a 2 digit number – which number do you add to this to make 100?