# Key Instant Recall Facts

## Year 5 – Spring Term 4

By the end of this half term, children should know the following facts. The aim is for them to recall these facts with speed and accuracy:

### I can recall square numbers up to $12^2$

$1^2 = 1 \times 1 = 1$

$2^2 = 2 \times 2 = 4$

$3^2 = 3 \times 3 = 9$

$4^2 = 4 \times 4 = 16$

$5^2 = 5 \times 5 = 25$

$6^2 = 6 \times 6 = 36$

$7^2 = 7 \times 7 = 49$

$8^2 = 8 \times 8 = 64$

$9^2 = 9 \times 9 = 81$

$10^2 = 10 \times 10 = 100$

$11^2 = 11 \times 11 = 121$

$12^2 = 12 \times 12 = 144$

**Key words & questions:**

Factor

Product

What is 7 squared?

What is 7 multiplied by itself?

## Top tips

The secret to success is practising little and often. Use time wisely. Can you practise this KIRF whilst walking to school or during a car journey? You do not need to practise all aspects of the KIRF all at once; perhaps you could have a fact of the day, or a few facts per week to practise? If you would like more ideas, please speak to your child's teacher.

## Practical resources and ideas

- Cycling squares: an activity on http://nrich.maths.org/1151 . Can your child complete the challenge and create their own?