



Key Instant Recall Facts

Year 5 - Summer 1

Count forwards or backwards in steps of powers of 10 for any given number up to 1, 000, 000

By the end of this half term children need to be able to instantly recall the following facts

$$10^1 = 10$$

For this, we multiply 1 by 10, 1 time.
 1×10 . This gives us the answer 10.

$$10^2 = 100$$

For this, we multiply 1 by 10, 2 times.
 $1 \times 10 \times 10$.
This gives us the answer 100.

$$10^3 = 1000$$

For this, we multiply 1 by 10, 3 times.
 $1 \times 10 \times 10 \times 10$.
This gives us the answer 1000.

Key Vocabulary

- index number
- power
- multiply
- squared
- cubed
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Things to try

- Cycling Squares - At <http://nrich.maths.org/1151> there is a challenge involving square numbers. Can you complete the challenge and then create your own examples?
- Songs and Chants - Listen to this song to help support your child's knowledge. <https://www.youtube.com/watch?v=X0Z3QMKI5Gg>
- Play games - This game is available for free but you will have to register. <https://www.education.com/game/jumpy-powers-of-10/>
- Use TTR to support times tables knowledge.

Top tips

The secret to success is practising little and often .

Use your time wisely.

Can you practise these KIRFs while walking to school or during a car journey?