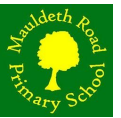


Key Instant Recall Facts

Autumn Term 1 Year 5



I can count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000.

Children complete number sequences and can describe the term-to-term rules, e.g. add ten each time. It is important to include sequences that go down as well as those that go up.

Circle and correct the mistake in each sequence.

- 7,875, 8,875, 9,875, 11,875, 12,875, 13,875, ...
- 864,664, 764,664, 664,664, 554,664, 444,664, ...

Complete the sequence.

____, ____, 2, ____, 22, ____, 42, ____, ____, 72

The rule for the sequence is _____.

Questions to ask at home

What has changed in the sequence? What has stayed the same?

Will there be any negative numbers in this sequence?

What patterns do you begin to see?

What patterns do you notice when you compare sequences increasing or decreasing in 10s, 100s, 1000s etc.?

Can you create a rule for the sequence?

Key vocabulary

sequence
pattern
negative
increasing

decreasing
rule
term
count

Useful Websites

Topmarks:

<https://www.topmarks.co.uk/maths-games/7-11-years/ordering-and-sequencing>

Maths Frame:

<https://mathsframe.co.uk/en/resources/resource/42/sequences>