26th April

Natalie is asked by her teacher to write 203,450 in standard form.

Natalie writes $20.3 \times 10^4$

Explain why Natalie is wrong.

Calculate the length of the missing side.

A cube has side length 9cm. A sphere has radius $r$.

The cube and sphere have the same volume.

Calculate $r$.

Here are the fifth and sixth terms of a Fibonacci-type sequence.

____ ____ ____ 17 26

Find the first term of the sequence.

Here are the first and third terms of a different Fibonacci-type sequence

d ____ e ____ ____

Work out an expression in terms of $d$ and $e$ for the sixth term.