

Patterns, place value and rounding – Checkpoint Primary Math**1.**

Anastasia writes a sequence.

The 1st term in Anastasia's sequence is 2

The 2nd term is 4

The 3rd term is 6

Write the 8th term in Anastasia's sequence.

..... [1]

2.

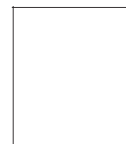
Here is part of a sequence.

$$\frac{11}{10}$$

$$\frac{9}{10}$$

$$\frac{7}{10}$$

$$\frac{5}{10}$$



The sequence continues in the same way.

Write the next number in the sequence.

[1]

3.

Draw a line to match each number to the correct statement.

71.153

The 3 represents 3 thousands

322.784

The 3 represents 3 thousandths

1352.4

The 3 represents 3 hundreds

41.031

The 3 represents 3 hundredths

[2]

4.

The table shows information about the sequence of square numbers.

Term	Model	Expression	Calculation	Square number
1st	●	1^2	1×1	1
2nd		2^2	2×2	4
3rd		3^2	3×3	9
4th				

(a) Complete the table for the 4th term.

[1]

(b) Complete the sentence.

The model with exactly 81 dots will be the th term. [1]

5.

Naomi writes part of a sequence.

4, 7, 10, 13, ...

The sequence continues in the same way.

Naomi says,

‘I can **only** find the 10th term in the sequence by counting on in 3s.’

Naomi is wrong.

Write a calculation to show Naomi how to find the 10th term **without** counting on in 3s.

..... [1]