Q1. (2020)

21 (b) The first two terms of an **arithmetic** progression are shown.

p $5p$ .....

The sum of the first three terms is 90

Work out the value of p.

[3 marks]

Answer _____

Q2. (2022)

13 (a) The term-to-term rule for a sequence is

multiply by 2

The 3rd term of the sequence is 46

Work out the 1st term.

Give your answer as a decimal.

[3 marks]

Q3. (2022)

13 (b) The term-to-term rule for a different sequence is

subtract k

The 1st term is 34

The 4th term is 10

Work out the value of k.

[3 marks]

$k =$ _____

Q4. (2024)

17 A linear sequence has

- 1st term = 10
- 1st term + 2nd term = 39

Work out the 5th term.

[4 marks]