**Monday 13th June 2022 – Class 5 Homework – Lumley Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Q1.**

The numbers in this sequence **increase** by 45 each time.

Write the missing numbers.



2 marks

**Q2.**

In this sequence, the rule to get the next number is

|  |
| --- |
| **Multiply by 2, and then add 3** |

Write the missing numbers.



2 marks

**Q3.**

Adam chooses the colours for a new team shirt.

The shirt has **two** colours.



There are four colours to choose from: **yellow**, **blue**, **white** and **red**.

Write the **two** missing combinations.

The shirt could be:

•   yellow and blue

•   yellow and white

•   yellow and red

•   blue and white.

\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_

1 mark

**Q4.**

The numbers in this sequence increase by 30 each time.

20      50      80      110  ...

The sequence continues in the same way.

Which number in the sequence will be **closest to 300**?



2 marks

**Q5.**

 and  each stand for a different number.

     =     34

     +          =          +          +     

What is the value of ?