LI: To find a pattern in a number sequence.

**I will be successful if…**

|  |  |
| --- | --- |
| I can read the question carefully so I know what it is asking for. |  |
| I can use my timetables to help me answer the questions. |  |
| I can show my working out to show that I have followed the sequence. |  |
| I can answer a range of sequencing question. |  |

**You do…**

1. To get to the next number you need to add the previous 2 number together

3, 4, 7, 11, 19, \_\_\_, \_\_\_

1. Each number decreases by the same amount each time.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 261,261 234,161 \_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. To get to the next number in the sequence you need to multiply by 2 and then add 3

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 25 53 \_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. In this sequence, the numbers go up by 15 each time

 2, 17, 32, 47

What would be the 7th and the 11th number in the sequence?





