**Sequences Homework**

|  |  |  |
| --- | --- | --- |
| **Literacy**Pattern, sequence, term, common difference | **Research**Find out about the Fibonacci Sequence. | **Memory**Learn the first 6 triangular numbers. |
| **Skills**

|  |
| --- |
| Find the 10th term and the nth term of the following sequences: |
| 1. 4, 7, 10, 13, 16...
 | 1. 5, 9, 13, 17, 21....
 |
| 1. 2, 6, 10, 14, 18...
 | 1. 27, 25, 23, 21, 19...
 |
| 1. 11, 10, 9, 8, 7....
 | 1. 0, 5, 10, 15, 20...
 |
| 1. 101, 91, 81, 71, 61...
 | 1. $\frac{1}{3}$ , $\frac{1}{9}$ , $\frac{1}{15}$ , $\frac{1}{21}$ , $\frac{1}{27}$ ...
 |

 | **Stretch**Find the 10th term and the nth term of the following sequences:1. 1, 4, 9, 16, 25...
2. 2, 5, 10, 17, 26...
3. 2, 8, 18, 32, 50...
4. 0, 6, 16, 30, 48...
 |