**Chapter 4 Review Sheet**

**Name:**  **Date:**

1). Find the first 4 terms of the following sequence. (4 points)

2). Find the first 4 terms of the following sequence. (4 points)

3). Find the first 4 terms of the following sequence. (4 points)

4). Find the first 6 terms of the following sequence. (6 points)

5). Find the first 6 terms of the following sequence. (6 points)

6). Find the first 6 terms of the following sequence. (6 points)

Find the 20th term of the following sequences. (2 points)

7).

8).

Find what position the given number is in each sequence. (2 points)

9).

10). ; 77

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| F | 1 | 2 | 3 | 4 | 5 |
| F(n) | 12 | 24 | 36 | 48 | 60 |

For 11-12, Create an equation for the following situations and solve the question (6 points).

**General Recursive Rule** **General Explicit Rule**

Use the General Explicit Rule to find f(24)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| F | 1 | 2 | 3 | 4 | 5 |
| F(n) | 7 | 18 | 29 | 40 | 51 |

**General Recursive Rule** **General Explicit Rule**

Use the General Explicit Rule to find f(11)

Solve the following equation for problems 13-15. (3 Points)

13). 14).

15).