Patterns: What Comes Next?

Can you figure out what would come next without needing the picture?

|  |  |  |
| --- | --- | --- |
|   | Pattern Sequence | Numberof triangles |
|   | 1 | 1 |
|   | 2 | 3 |
|   | 3 |  |
|   | 4 |  |
|  | 5 |  |
|  | 6 |  |
|  |  |  |
|  |  |  |

What comes next?

1. 1 1 2 3 5 8 13 21 \_\_\_ \_\_\_ \_\_\_
2. 2 4 8 16 \_\_\_ \_\_\_\_ \_\_\_\_
3. 1 1 1 2 1 1 1 3 1 1 1 4 1 1 \_\_\_ \_\_\_ \_\_\_
4. 31 28 31 30 31 \_\_\_ \_\_\_ \_\_\_ \_\_\_
5. .01 .1 1 \_\_\_ \_\_\_ \_\_\_