**5 Meter Tower**

|  |  |  |  |
| --- | --- | --- | --- |
| **Week #** | **# of stacks** | **# of blocks in stack** | **Remainder** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

How many weeks need for completion? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**10 Meter Tower**

|  |  |  |  |
| --- | --- | --- | --- |
| **Week #** | **# of stacks** | **# of blocks in stack** | **Remainder** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

How many weeks needed for completion? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**100 Meter Tower**

|  |  |  |  |
| --- | --- | --- | --- |
| **Week #** | **# of stacks** | **# of blocks in stack** | **Remainder** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

How many weeks needed for completion? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

HINT: The number of weeks is always the smallest ”n” such that the height of the tower is less than 2ᴺ