**Rules**

Start with a number of stones.

Two players take in turns stones away.

The first player may not take all stones away in the first turn

In each turn a player may not take more than double the number of stones that were taken in the turn before.

The player who takes the last stone(s) wins the game.

**Call the player that starts the game A and the other one B**

Play the game each time with the starting amount given (2, 3, 4, 5, 6, 7, . . . etc.) and try to find the best moves.

Fill in the next table:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Starting number  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| Winner (*A* of *B*) |  |  |  |  |  |  |  |  |  |  |  |  |

Do you recognise the numbers that lead to a loss?