| n starting 1s | 2 | 3 | 4 | 5 | 6 | 7 |
|---------------|----|----|----|----|----|-----------------|
| Maximum | 16 | 28 | 38 | 49 | 60 | No one knows |

Here is the solution for starting with two ones:

| 9 | 5 | 10 | 11 | | | |
|----|---|----|----|----|----|--|
| | 4 | ι | | | | |
| 12 | 8 | 3 | 2 | | 16 | |
| | | | 6 | ١ | 15 | |
| | | 13 | 7 | 14 | | |
| | | | | | | |

For the lower bound, we can improve on 3n-3 with the following diagram which shows the maximum for n stones must be at least 5n-4

| | | 4 | | | | | | 14 | |
|---|---|---|---|---|---|----|----|----|----|
| | 3 | ١ | 5 | | | | 13 | 1 | 15 |
| | 2 | | 6 | | | | 12 | | 16 |
| 1 | | | | 7 | | /1 | | | |
| | | | | 8 | I | ۵۱ | | | |
| | | | | | ٩ | | | | |
| 1 | | | | | | | | | |