**7 x 7**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 43 | 44 | 45 | 46 | 47 | 48 | 49 |
| 42 | 21 | 22 | 23 | 24 | 25 | 26 |
| 41 | 20 | 7 | 8 | 9 | 10 | 27 |
| 49 | 19 | 6 | 1 | 2 | 11 | 28 |
| 39 | 18 | 5 | 4 | 3 | 12 | 29 |
| 38 | 17 | 16 | 15 | 14 | 13 | 30 |
| 37 | 36 | 35 | 34 | 33 | 32 | 31 |

The gaps on the diagonals, increase by 2 each time:

number of gaps = (width – 1) // 2 -- > (7 – 1) // 2 = 3

Gap = 2 4 times

Gap = 4 4 times

Gap = 6 4 times

**9 x 9**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 |
| 72 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 71 | 42 | 21 | 22 | 23 | 24 | 25 | 26 | 51 |
| 70 | 41 | 20 | 7 | 8 | 9 | 10 | 27 | 52 |
| 69 | 40 | 19 | 6 | 1 | 2 | 11 | 28 | 53 |
| 68 | 39 | 18 | 5 | 4 | 3 | 12 | 29 | 54 |
| 67 | 38 | 17 | 16 | 15 | 14 | 13 | 30 | 55 |
| 66 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 56 |
| 65 | 64 | 63 | 62 | 61 | 60 | 59 | 58 | 57 |

The gaps on the diagonals, increase by 2 each time:

number of gaps = (width – 1) // 2 -- > (9 – 1) // 2 = 4

Gap = 2 4 times

Gap = 4 4 times

Gap = 6 4 times

Gap = 8 4 times