

1.

```
*
**
***
****
*****
*****
```

Half Pyramid

2.

```
*****
****
***
**
*

```

Inverted
Half Pyramid

3.

```
*****
*      *
*      *
*    *
*  *
* *
*
```

Hollow Inverted
Half Pyramid

4.

```
      *
    *  *
  *    *
 *  *  *
*    *  *
*  *  *  *
*    *  *  *
*  *  *  *  *
```

Full Pyramid

5.

```
* * * * *
 * * * * 
  * * *  
   * *   
    *    

```

Inverted Full Pyramid

6.

```
      *
    *  *
  *    *
 *  *  *
*    *  *
*  *  *  *
*    *  *  *
*  *  *  *  *
```

Hollow Full Pyramid

7.

```

1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
  
```

Half Pyramid

8.

```

1 2 3 4 5
1 2 3 4
1 2 3
1 2
1
  
```

Inverted
Half Pyramid

9.

```

1
1 2
1   3
1       4
1 2 3 4 5
  
```

Hollow
Half Pyramid

10.

```

      1
    2 3 2
  3 4 5 4 3
4 5 6 7 6 5 4
5 6 7 8 9 8 7 6 5
  
```

Full Pyramid

11.

```

      1
    1 2
  1   3
1   4
1 2 3 4 5
  
```

Hollow Full Pyramid

12.

```

1 2 3 4 5
2   5
3   5
4 5
5
  
```

Hollow Inverted
Half Pyramid

13.

```

1
1 2 1
1 2 3 2 1
1 2 3 4 3 2 1
1 2 3 4 5 4 3 2 1

```

14.

```

A
A B A
A B C B A
A B C D C B A
A B C D E D C B A

```

15.

```

      1
    1 2 1
  1 2 3 2 1
1 2 3 4 3 2 1
1 2 3 4 5 4 3 2 1

```

16.

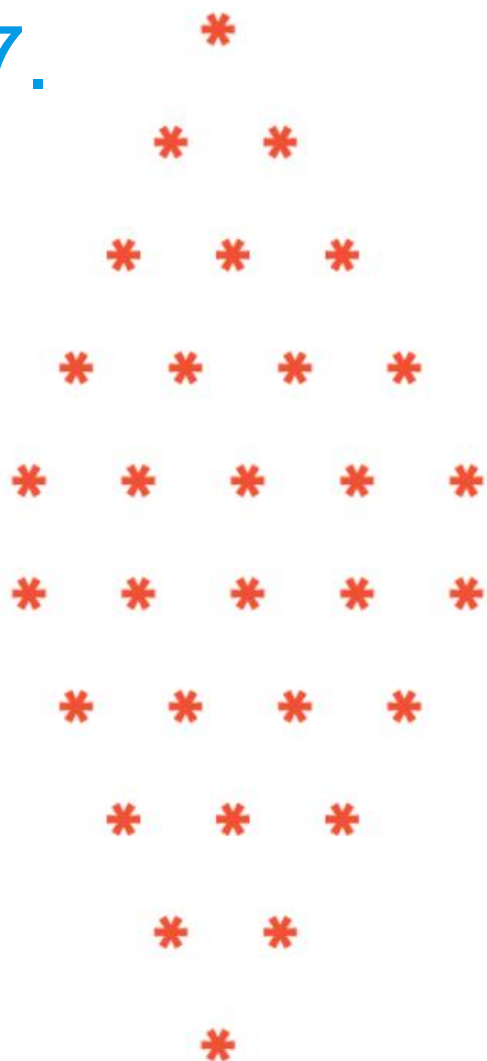
```

*****1*****
*****2*2*****
*****3*3*3*****
*****4*4*4*4*****
*****5*5*5*5*5*****

```

Different types of Palindrome Pyramid Patterns

17.



Solid Diamond

18.



Hollow Diamond

19.



Solid Half
Diamond

20.

3
44
555
6666
555
44
3

21.

1
2*2
3*3*3
4*4*4*4
4*4*4*4
3*3*3
2*2
1

22.

1
2*3
4*5*6
7*8*9*10
7*8*9*10
4*5*6
2*3
1

23.

*
* 1 *
* 1 2 1 *
* 1 2 3 2 1 *
* 1 2 1 *
* 1 *
*

Different types of Solid Half Diamonds

24.

1

2 3

4 5 6

7 8 9 10

11 12 13 14 15

16 17 18 19 20 21

22 23 24 25 26 27 28

25.

1

1 1

1 2 1

1 3 3 1

1 4 6 4 1

1 5 10 10 5 1

1 6 15 20 15 6 1

Input: 5

26.

Output:

```
* * * * * * * * * *
* * * *      * * * *
* * *        * * *
* *          * *
*            *
*            *
* *          * *
* * *        * * *
* * * *      * * * *
* * * * * * * * * *
```


Input: 5

27.

Output:

```

  *               *
 * *           * *
 * * *       * * *
 * * * *   * * * *
 * * * * * * * * *
 * * * * * * * * *
 * * * *   * * * *
 * * *       * * *
 * *           * *
 *               *
```

28.

3 3 3 3 3

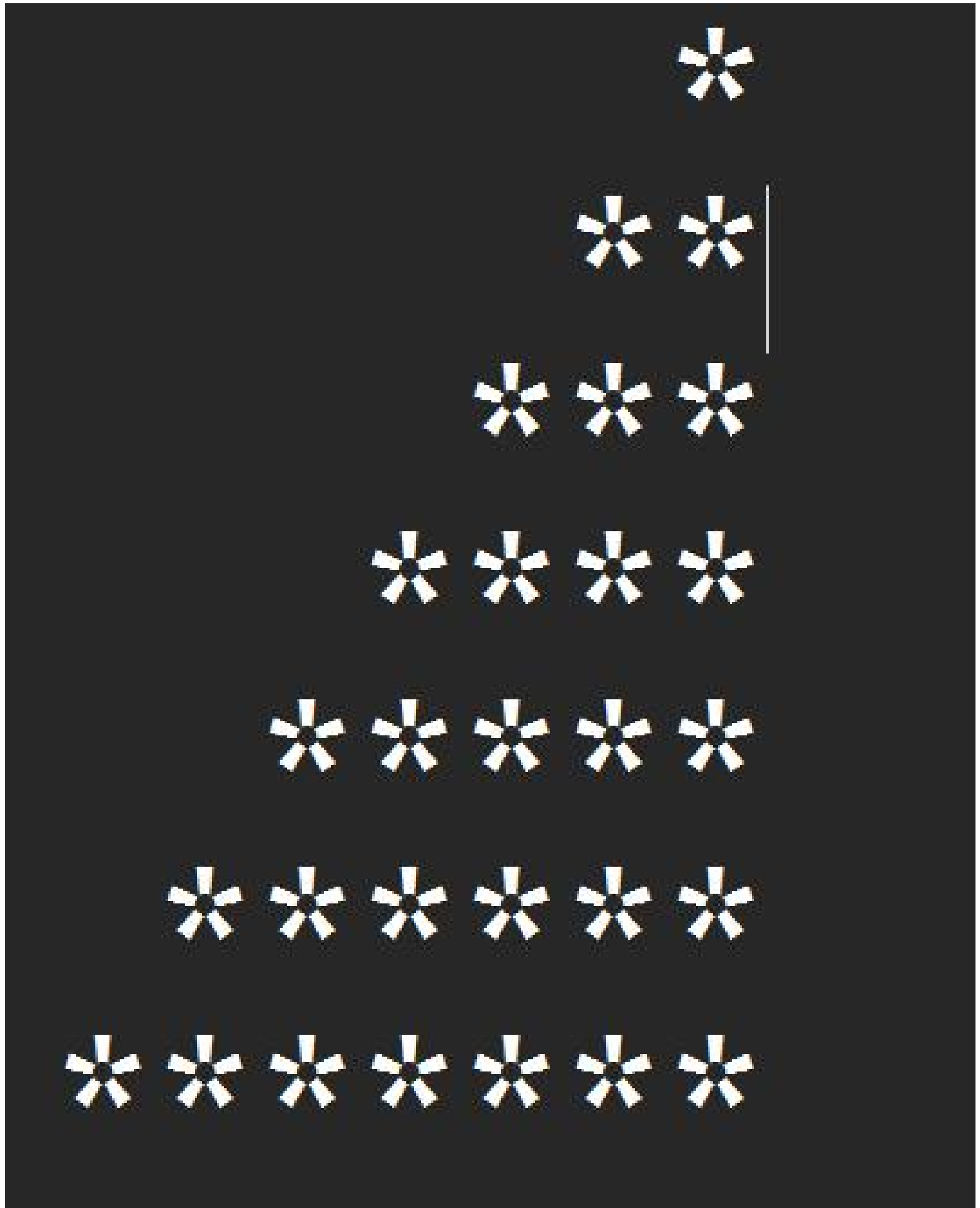
3 2 2 2 3

3 2 1 2 3

3 2 2 2 3

3 3 3 3 3

29.



30.



31.

