

# CS 30: Recursive Functions Practice

Find the generalized pattern for each of the following:

1.

$n$	$f(n)$
1	1
2	4
3	8
4	13
5	19
6	26

2.

$n$	$f(n)$
1	5
2	7
3	9
4	11
5	13
6	15

3.

$n$	$f(n)$
1	2
2	4
3	8
4	16
5	32
6	64

4.

$n$	$f(n)$
1	1
2	2
3	6
4	24
5	120
6	720

5.

$n$	$f(n)$
1	2
2	3
3	6
4	18
5	108
6	1944