

Find the n^{th} term and the 20th term in each sequence:

1.

Term	1	2	3	4	5	6	...	n	...	20
Value	1	4	9	16	25	36	...		...

2.

Term	1	2	3	4	5	6	...	n	...	20
Value	6	12	20	30	42	56	...		...

3.

Term	1	2	3	4	5	6	...	n	...	20
Value	0	4	12	24	40	60	...		...

4.

Term	1	2	3	4	5	6	...	n	...	20
Value	4	15	32	55	84	119	...		...

5.

Term	1	2	3	4	5	6	...	n	...	20
Value	-2	3	8	13	18	23	...		...

6.

Term	1	2	3	4	5	6	...	n	...	20
Value	-6	7	24	45	70	99	...		...

7.

Term	1	2	3	4	5	6	...	n	...	20
Value	3	20	49	90	143	208	...		...

8.

Term	1	2	3	4	5	6	...	n	...	20
Value	5	35	81	143	221	315	...		...

9.

Term	1	2	3	4	5	6	...	n	...	20
Value	-1	-4	-7	-10	-13	-16	...		...

10.

Term	1	2	3	4	5	6	...	n	...	20
Value	-6	5	40	99	182	289	...		...

11.

Term	1	2	3	4	5	6	...	n	...	20
Value	3	7	12	18	25	33	...		...

12.

Term	1	2	3	4	5	6	...	n	...	20
Value	0	0	1	3	6	10	...		...

13.

Term	1	2	3	4	5	6	...	n	...	20
Value	-1	0	2	5	9	14	...		...

14.

Term	1	2	3	4	5	6	...	n	...	20
Value	7	70	169	304	475	682	...		...

15.

Term	1	2	3	4	5	6	...	n	...	20
Value	-3	0	4	9	15	22	...		...

16.

Term	1	2	3	4	5	6	...	n	...	20
Value	12	56	130	234	368	532	...		...

17.

Term	1	2	3	4	5	6	...	n	...	20
Value	6.5	9	11.5	14	16.5	19	...		...

18.

Term	1	2	3	4	5	6	...	n	...	20
Value	-12	-11	-7	0	10	23	...		...