



Look at the table below. It shows the number of small circles in each pattern.

Pattern	Circles
1	1
2	3
3	6

How many **circles** are needed to make **Pattern 7**? Write your answer in the space below.





Look at the table below. It shows the number of small circles in each pattern.

Pattern	Circles
1	1
2	5
3	9

How many **circles** are needed to make **Pattern 6**? Write your answer in the space below.





Look at the table below. It shows the number of small circles in each pattern.

Pattern	Circles
1	1
2	4
3	7

How many **circles** are needed to make **Pattern 8**? Write your answer in the space below.





Look at the table below. It shows the number of small circles in each pattern.

Pattern	Circles
1	1
2	9
3	25

How many **circles** are needed to make **Pattern 5**? Write your answer in the space below.





Look at the table below. It shows the number of small circles in each pattern.

Pattern	Circles
1	4
2	10
3	16

How many **circles** are needed to make **Pattern 6**? Write your answer in the space below.





Look at the table below. It shows the number of small circles in each pattern.

Pattern	Circles
1	5
2	13
3	21

How many **circles** are needed to make **Pattern 6**? Write your answer in the space below.





Look at the table below. It shows the number of small triangles in each pattern.

Pattern	Triangles
1	4
2	7
3	10

How many **triangles** are needed to make **Pattern 8**? Write your answer in the space below.

_____ triangles





Look at the table below. It shows the number of small triangles in each pattern.

Pattern	Triangles
1	4
2	6
3	8

How many **triangles** are needed to make **Pattern 12**? Write your answer in the space below.

_____ triangles





Look at the table below. It shows the number of small triangles in each pattern.

Pattern	Triangles
1	4
2	8
3	12

How many **triangles** are needed to make **Pattern 10**? Write your answer in the space below.

_____ triangles





Look at the table below. It shows the number of small squares in each pattern.

Pattern	Squares
1	1
2	5
3	9

How many **squares** are needed to make **Pattern 8**? Write your answer in the space below.

_____ squares





Look at the table below. It shows the number of small squares in each pattern.

Pattern	Squares
1	1
2	4
3	9

How many **squares** are needed to make **Pattern 6**? Write your answer in the space below.

_____ squares









Pattern 1

Pattern 2

Pattern 3

Look at the table below. It shows the number of small squares in each pattern.

Pattern	Squares
1	1
2	3
3	6

How many **squares** are needed to make **Pattern 9**? Write your answer in the space below.

____ squares



Answers

- 1. 28
- 2. 21
- 3. 22
- 4. 81
- 5. 34
- 6. 45
- 7. 25
- 8. 26
- 9. 40
- 10.29
- 11.36
- 12.45