

Q4-Q5 (Pattern) Day 88 Name: _____

1. Look at the **sequence of 3 patterns** below. Each pattern is **made up of small squares**.



Pattern 1



Pattern 2



Pattern 3

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

Pattern	1	2	3
Small Squares	1	2	3

a) **How many** squares are needed to make **Pattern 10**?

Write your answer in the space below.

_____ small squares

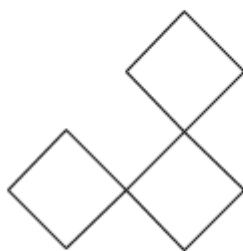
b) Look at the pattern in above again. What **number pattern** would have **100 squares**? Write your answer in the space below.

Pattern _____

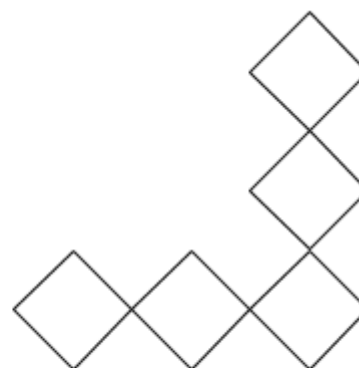
2. Look at the **sequence of 3 patterns** below. Each pattern is **made up** of **small squares**.



Pattern 1



Pattern 2



Pattern 3

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

Pattern	1	2	3
Small Squares	1	3	5

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

_____ small squares

b) Look at the pattern in above again. What **number pattern** would have **15 squares**? Write your answer in the space below.

Pattern _____

3. Look at the **sequence of 3 patterns** below. Each pattern is **made up of small squares**.



Pattern 1



Pattern 2



Pattern 3

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

Pattern	1	2	3
Small Squares	1	3	6

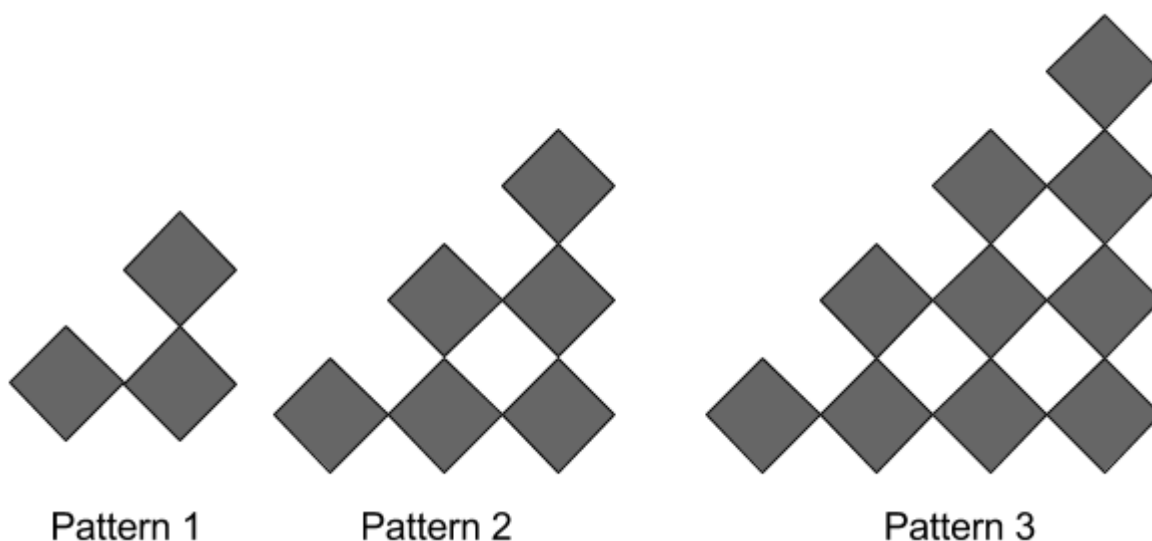
a) **How many** squares are needed to make **Pattern 5**?
Write your answer in the space below.

_____ small squares

b) Look at the pattern in above again. What **number pattern** would have **28 squares**? Write your answer in the space below.

Pattern _____

4. Look at the **sequence of 3 patterns** below. Each pattern is **made up of small squares**.



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

Pattern	1	2	3
Small Squares	3	6	10

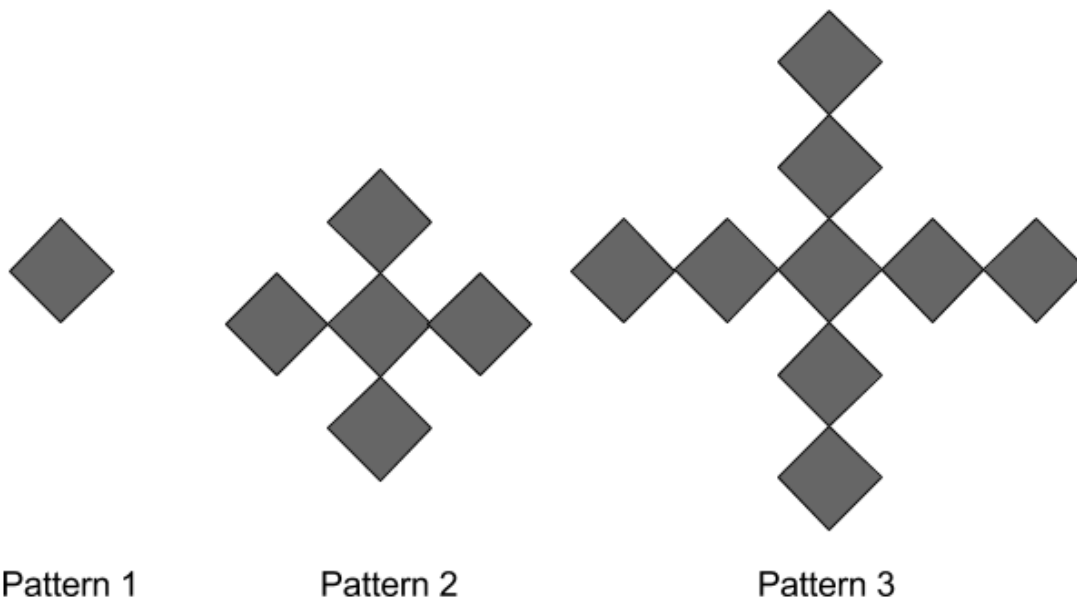
a) **How many** squares are needed to make **Pattern 6**?
Write your answer in the space below.

_____ small squares

b) Look at the pattern in above again. What **number pattern** would have **36 squares**? Write your answer in the space below.

Pattern _____

5. Look at the **sequence of 3 patterns** below. Each pattern is **made up** of **small squares**.



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

Pattern	1	2	3
Small Squares	1	5	9

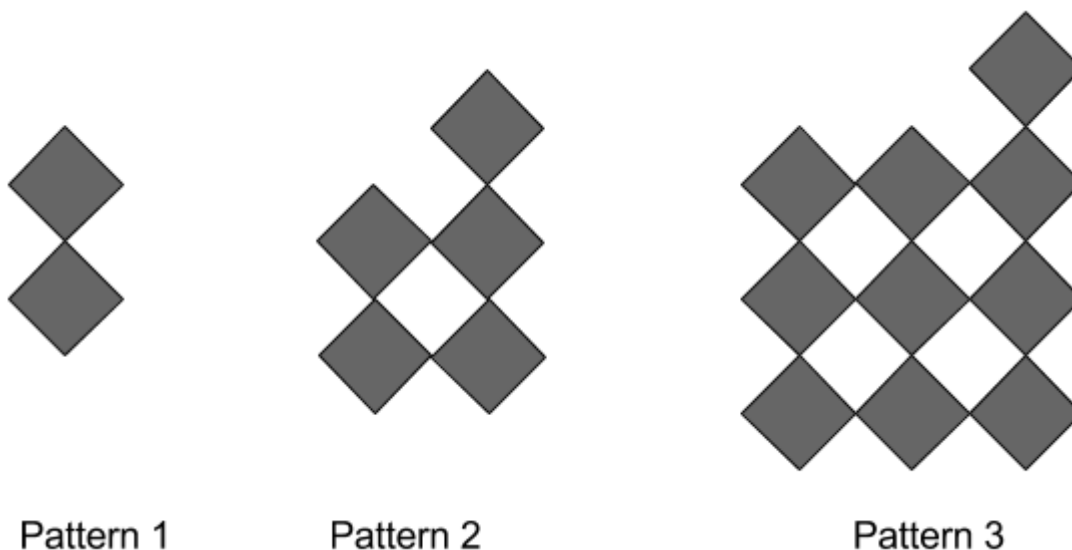
a) **How many** squares are needed to make **Pattern 8**?
Write your answer in the space below.

_____ small squares

b) Look at the pattern in above again. What **number pattern** would have **37 squares**? Write your answer in the space below.

Pattern _____

6. Look at the **sequence of 3 patterns** below. Each pattern is **made up** of **small squares**.



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

Pattern	1	2	3
Small Squares	2	5	10

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

_____ small squares

b) Look at the pattern in above again. What **number pattern** would have **50 squares**? Write your answer in the space below.

Pattern _____

7. Look at the **sequence of 3 patterns** below. Each pattern is **made up** of **small squares**.



Pattern 1



Pattern 2



Pattern 3

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

Pattern	1	2	3
Small Squares	1	4	9

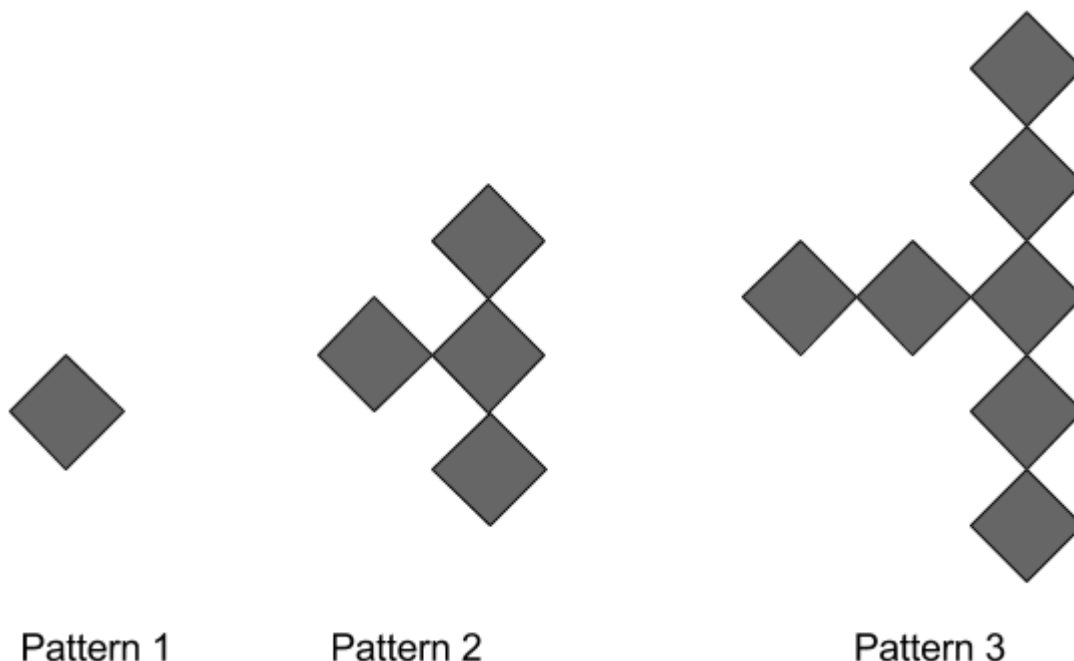
a) **How many** squares are needed to make **Pattern 5**?
Write your answer in the space below.

_____ small squares

b) Look at the pattern in above again. What **number pattern** would have **36 squares**? Write your answer in the space below.

Pattern _____

8. Look at the **sequence of 3 patterns** below. Each pattern is **made up** of **small squares**.



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

Pattern	1	2	3
Small Squares	1	4	7

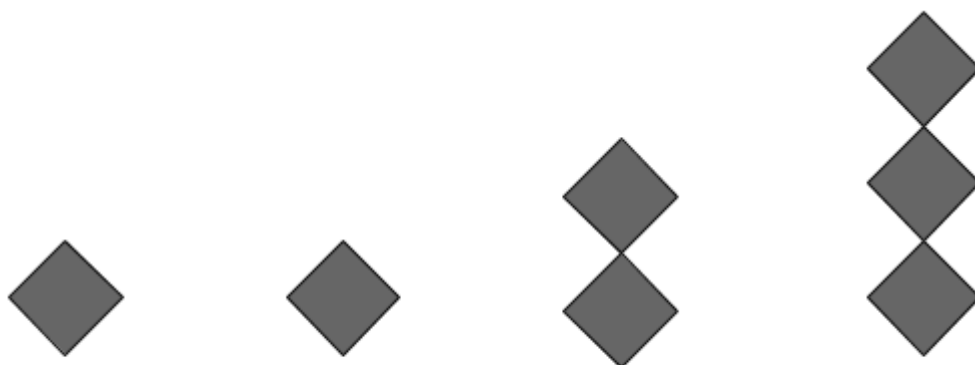
a) **How many** squares are needed to make **Pattern 6**?
Write your answer in the space below.

_____ small squares

b) Look at the pattern in above again. What **number pattern** would have **25 squares**? Write your answer in the space below.

Pattern _____

9. Look at the **sequence of 4 patterns** below. Each pattern is **made up** of **small squares**.



Pattern 1

Pattern 2

Pattern 3

Pattern 4

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

Pattern	1	2	3	4
Small Squares	1	1	2	3

a) **How many** squares are needed to make **Pattern 5**?

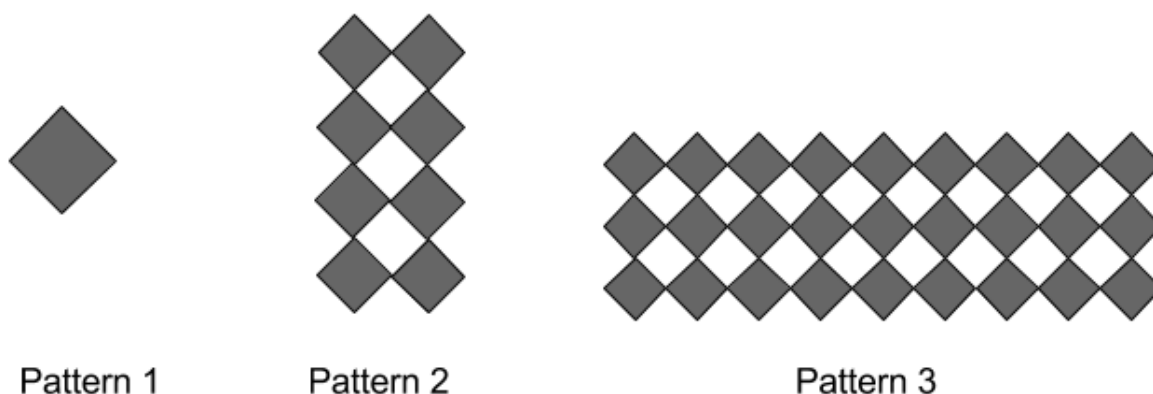
Write your answer in the space below.

_____ small squares

b) Look at the pattern in above again. What **number pattern** would have **13 squares**? Write your answer in the space below.

Pattern _____

10. Look at the **sequence of 3 patterns** below. Each pattern is **made up of small squares**.



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

Pattern	1	2	3
Small Squares	1	8	27

a) **How many** squares are needed to make **Pattern 4**?

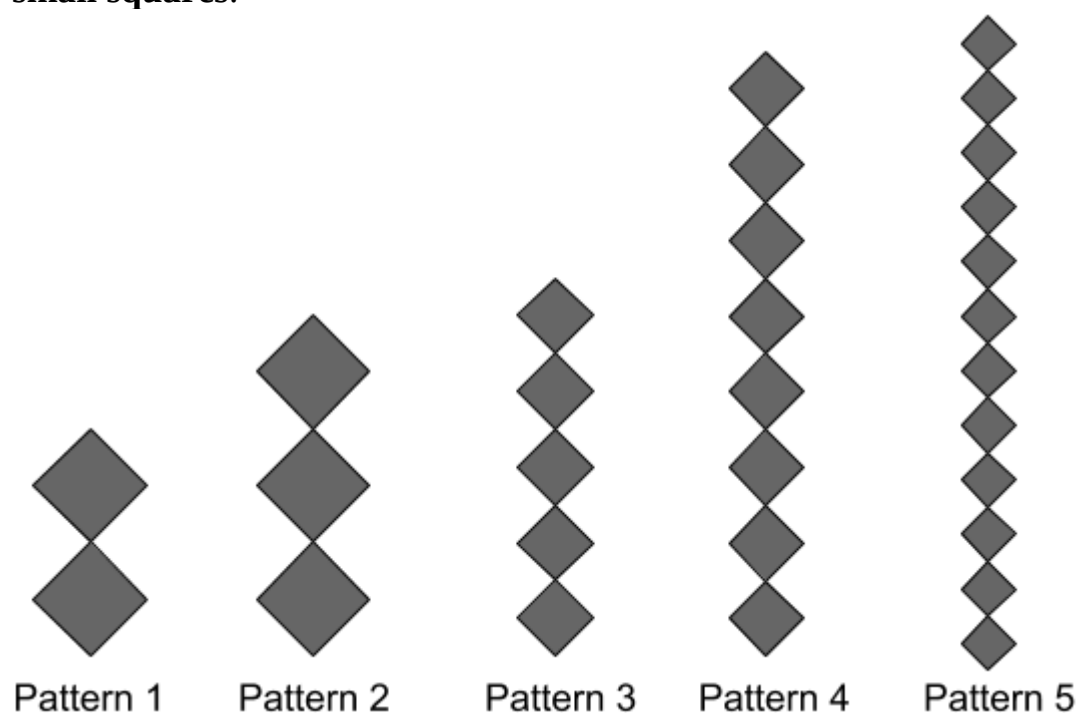
Write your answer in the space below.

_____ small squares

b) Look at the pattern in above again. What **number pattern** would have **125 squares**? Write your answer in the space below.

Pattern _____

11. Look at the **sequence of 5 patterns** below. Each pattern is **made up of small squares**.



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

Pattern	1	2	3	4	5
Small Squares	2	3	5	8	12

a) **How many** squares are needed to make **Pattern 8**?

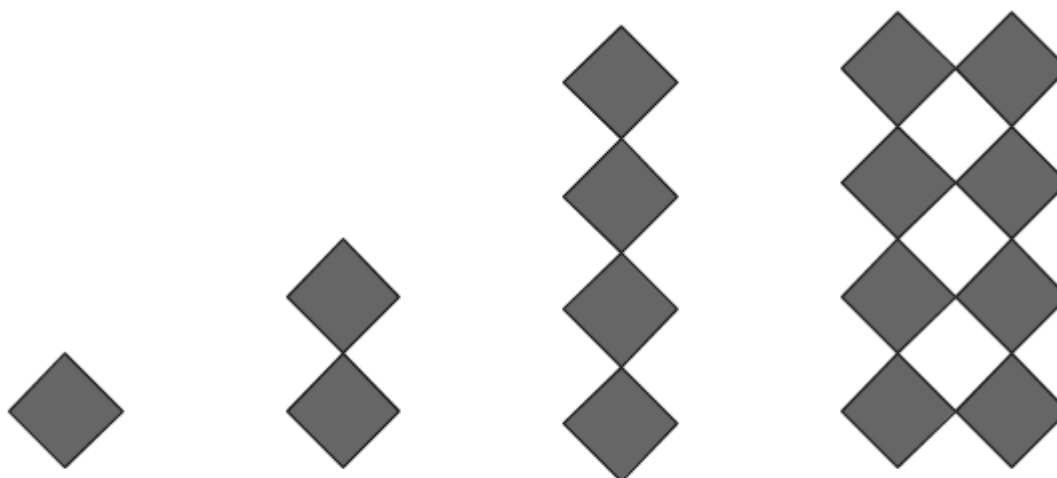
Write your answer in the space below.

_____ small squares

b) Look at the pattern in above again. What **number pattern** would have **47 squares**? Write your answer in the space below.

Pattern _____

12. Look at the **sequence of 4 patterns** below. Each pattern is **made up of small squares**.



Pattern 1

Pattern 2

Pattern 3

Pattern 4

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

Pattern	1	2	3	4
Small Squares	1	2	4	8

a) **How many** squares are needed to make **Pattern 8**?

Write your answer in the space below.

_____ small squares

b) Look at the pattern in above again. What **number pattern** would have **512 squares**? Write your answer in the space below.

Pattern _____

Answers

- | | |
|-----------|--------|
| 1. a) 10 | b) 100 |
| 2. a) 11 | b) 8 |
| 3. a) 15 | b) 7 |
| 4. a) 28 | b) 7 |
| 5. a) 29 | b) 10 |
| 6. a) 26 | b) 7 |
| 7. a) 25 | b) 6 |
| 8. a) 16 | b) 9 |
| 9. a) 5 | b) 7 |
| 10.a) 64 | b) 5 |
| 11.a) 30 | b) 10 |
| 12.a) 128 | b) 10 |