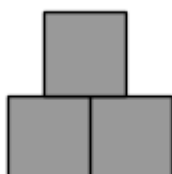


**Q4 (Pattern) Day 42 Name:** \_\_\_\_\_

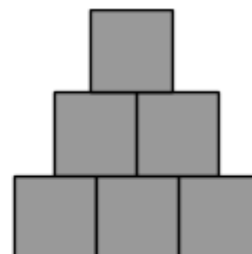
1. Look at the patterns below made up of square tiles. The **first pattern** is missing.



Pattern 1



Pattern 2



Pattern 3

a) **How many square tiles** are in **Pattern 1**? Write your answer in the space below.

\_\_\_\_\_ tiles

b) Look again at the patterns above. **How many more** square tiles are there in **Pattern 4** than in **Pattern 1**? Write your answer in the space below.

\_\_\_\_\_ tiles

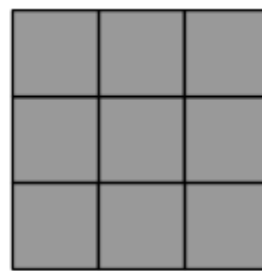
2. Look at the patterns below made up of square tiles. The **second pattern** is missing.



Pattern 1



Pattern 2



Pattern 3

a) **How many square tiles** are in **Pattern 2**? Write your answer in the space below.

\_\_\_\_\_ tiles

b) Look again at the patterns above. **How many more** square tiles are there in **Pattern 5** than in **Pattern 2**? Write your answer in the space below.

\_\_\_\_\_ tiles

---

3. Look at the patterns below made up of square tiles. The **first pattern** is missing.



Pattern 1

Pattern 2

Pattern 3

a) **How many square tiles** are in **Pattern 1**? Write your answer in the space below.

\_\_\_\_\_ tiles

b) Look again at the patterns above. **How many more** square tiles are there in **Pattern 6** than in **Pattern 2**? Write your answer in the space below.

\_\_\_\_\_ tiles

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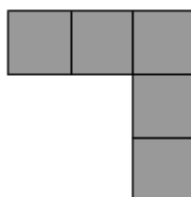
4. Look at the patterns below made up of square tiles. The first **two patterns** are missing.



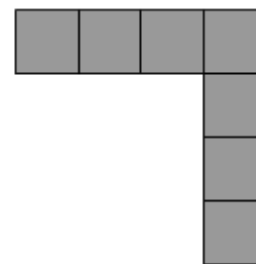
Pattern 1



Pattern 2



Pattern 3



Pattern 4

a) **How many square tiles** are in **Pattern 1**? Write your answer in the space below.

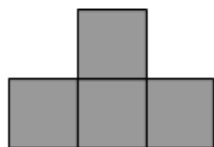
\_\_\_\_\_ tiles

b) Look again at the patterns above. **How many more** square tiles are there in **Pattern 7** than in **Pattern 3**? Write your answer in the space below.

\_\_\_\_\_ tiles

---

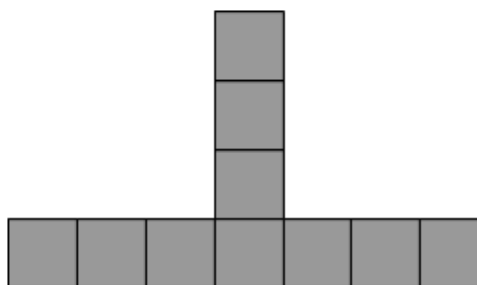
5. Look at the patterns below made up of square tiles. The **second pattern** is missing.



Pattern 1



Pattern 2



Pattern 3

a) **How many square tiles** are in **Pattern 2**? Write your answer in the space below.

\_\_\_\_\_ tiles

b) Look again at the patterns above. **How many more** square tiles are there in **Pattern 5** than in **Pattern 1**? Write your answer in the space below.

\_\_\_\_\_ tiles

---

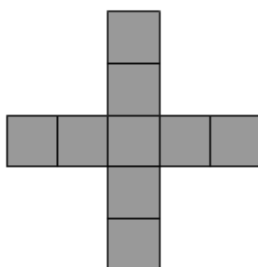
6. Look at the patterns below made up of square tiles. The first **two patterns** are missing.

?

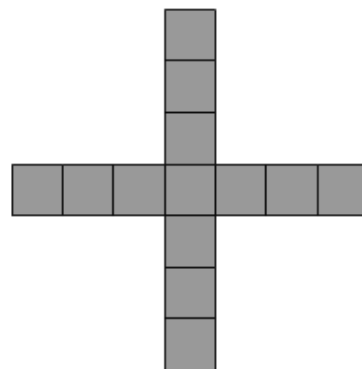
Pattern 1

?

Pattern 2



Pattern 3



Pattern 4

a) **How many square tiles** are in **Pattern 1**? Write your answer in the space below.

\_\_\_\_\_ tiles

b) Look again at the patterns above. **How many more** square tiles are there in **Pattern 7** than in **Pattern 3**? Write your answer in the space below.

\_\_\_\_\_ tiles

---

7. Look at the patterns below made up of square tiles. The **third pattern** is missing.



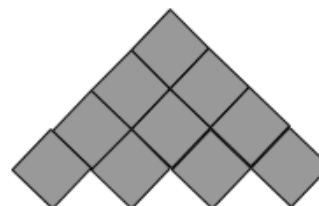
Pattern 1



Pattern 2



Pattern 3



Pattern 4

a) **How many square tiles** are in **Pattern 3**? Write your answer in the space below.

\_\_\_\_\_ tiles

b) Look again at the patterns above. **How many more** square tiles are there in **Pattern 6** than in **Pattern 2**? Write your answer in the space below.

\_\_\_\_\_ tiles

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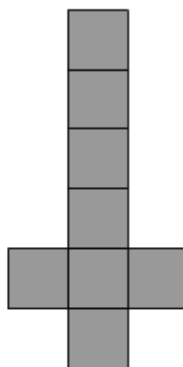
8. Look at the patterns below made up of square tiles. The first **two patterns** are missing.

?

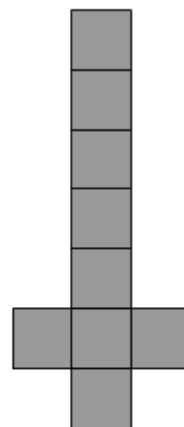
Pattern 1

?

Pattern 2



Pattern 3



Pattern 4

a) **How many square tiles** are in **Pattern 1**? Write your answer in the space below.

\_\_\_\_\_ tiles

b) Look again at the patterns above. **How many more** square tiles are there in **Pattern 8** than in **Pattern 1**? Write your answer in the space below.

\_\_\_\_\_ tiles

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9. Look at the patterns below made up of square tiles. The **second and third pattern** are missing.



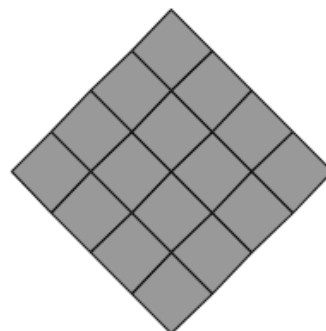
Pattern 1



Pattern 2



Pattern 3



Pattern 4

a) **How many square tiles** are in **Pattern 2**? Write your answer in the space below.

\_\_\_\_\_ tiles

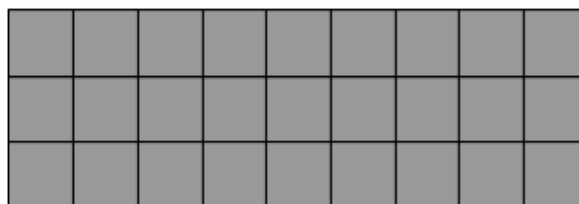
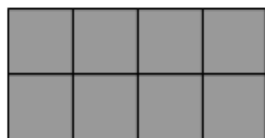
b) Look again at the patterns above. **How many more** square tiles are there in **Pattern 9** than in **Pattern 4**? Write your answer in the space below.

\_\_\_\_\_ tiles

---

10. Look at the patterns below made up of square tiles. The **first pattern** is missing.

?



Pattern 1

Pattern 2

Pattern 3

a) **How many square tiles** are in **Pattern 1**? Write your answer in the space below.

\_\_\_\_\_ tiles

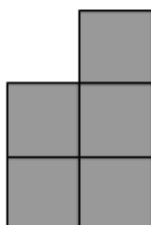
b) Look again at the patterns above. **How many more** square tiles are there in **Pattern 5** than in **Pattern 2**? Write your answer in the space below.

\_\_\_\_\_ tiles

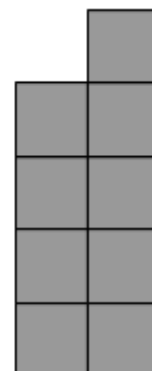
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11. Look at the patterns below made up of square tiles. The **first and third patterns** are missing.

?



?



Pattern 1

Pattern 2

Pattern 3

Pattern 4

a) **How many square tiles** are in **Pattern 1 and 3 in total**? Write your answer in the space below.

\_\_\_\_\_ tiles

b) Look again at the patterns above. **How many more** square tiles are there in **Pattern 10** than in **Pattern 3**? Write your answer in the space below.

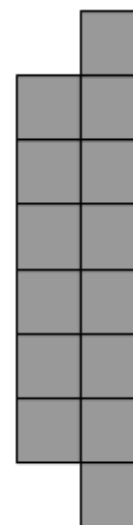
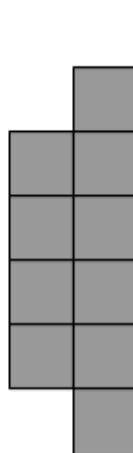
\_\_\_\_\_ tiles

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12. Look at the patterns below made up of square tiles. The first **two patterns** are missing.

?

?



Pattern 1

Pattern 2

Pattern 3

Pattern 4

a) **How many square tiles** are in **Pattern 1 and 2 in total**? Write your answer in the space below.

\_\_\_\_\_ tiles

b) Look again at the patterns above. **How many more** square tiles are there in **Pattern 12** than in **Pattern 2**? Write your answer in the space below.

\_\_\_\_\_ tiles

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**Answers**

- |                 |               |
|-----------------|---------------|
| <b>1. a) 1</b>  | <b>b) 9</b>   |
| <b>2. a) 4</b>  | <b>b) 21</b>  |
| <b>3. a) 3</b>  | <b>b) 12</b>  |
| <b>4. a) 1</b>  | <b>b) 8</b>   |
| <b>5. a) 7</b>  | <b>b) 12</b>  |
| <b>6. a) 1</b>  | <b>b) 16</b>  |
| <b>7. a) 6</b>  | <b>b) 18</b>  |
| <b>8. a) 6</b>  | <b>b) 7</b>   |
| <b>9. a) 4</b>  | <b>b) 65</b>  |
| <b>10.a) 1</b>  | <b>b) 117</b> |
| <b>11.a) 10</b> | <b>b) 14</b>  |
| <b>12.a) 8</b>  | <b>b) 40</b>  |