

Q3-Q4 (Pattern-Perimeter) Day 122 Name: _____

1. Look at the patterns below. They are formed from **square** tiles. The length of **one side of a square tile is 1 cm**.



Pattern 1



Pattern 2



Pattern 3

a) What is the **perimeter** of **pattern 2**? Write your answer in the space below.

_____ cm

b) How much **longer** is the **perimeter of pattern 3** than that of **pattern 2**?

_____ cm

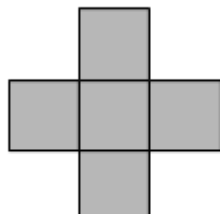
c) Look again at the patterns **above**. Use the patterns to find the **perimeter** of **pattern 4**. Write your answer in the space below.

_____ cm

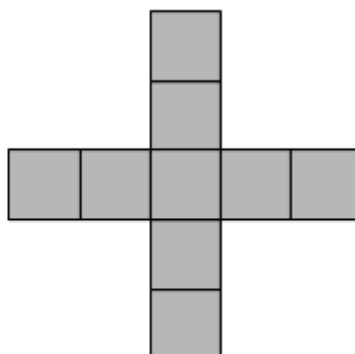
2. Look at the patterns below. They are formed from **square** tiles. The length of **one side of a square tile is 1 cm**.



Pattern 1



Pattern 2



Pattern 3

a) What is the **perimeter** of **pattern 2**? Write your answer in the space below.

_____ cm

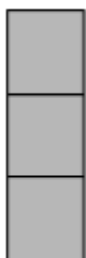
b) How much **longer** is the **perimeter of pattern 3** than that of **pattern 1**?

_____ cm

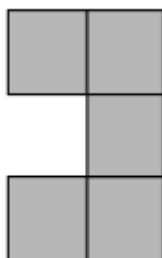
c) Look again at the patterns **above**. Use the patterns to find the **perimeter** of **pattern 4**. Write your answer in the space below.

_____ cm

3. Look at the patterns below. They are formed from **square** tiles. The length of **one side of a square tile is 1 cm**.



Pattern 1



Pattern 2



Pattern 3

a) What is the **perimeter** of **pattern 3**? Write your answer in the space below.

_____ cm

b) How much **longer** is the **perimeter of pattern 2** than that of **pattern 1**?

_____ cm

c) Look again at the patterns **above**. Use the patterns to find the **perimeter** of **pattern 4**. Write your answer in the space below.

_____ cm

4. Look at the patterns below. They are formed from **square** tiles. The length of **one side of a square tile is 1 cm**.



Pattern 1



Pattern 2



Pattern 3

a) What is the **perimeter** of **pattern 2**? Write your answer in the space below.

_____ cm

b) How much **longer** is the **perimeter of pattern 3** than that of **pattern 1**?

_____ cm

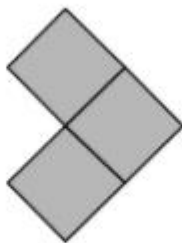
c) Look again at the patterns **above**. Use the patterns to find the **perimeter** of **pattern 4**. Write your answer in the space below.

_____ cm

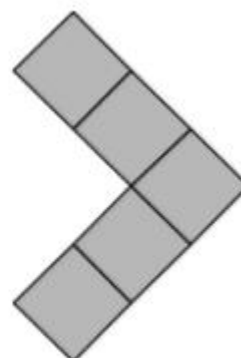
5. Look at the patterns below. They are formed from **square** tiles. The length of **one side of a square tile is 2 cm**.



Pattern 1



Pattern 2



Pattern 3

a) What is the **perimeter** of **pattern 3**? Write your answer in the space below.

_____ cm

b) How much **longer** is the **perimeter of pattern 2** than that of **pattern 1**?

_____ cm

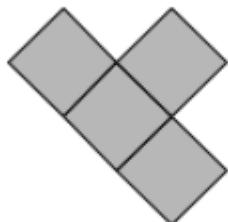
c) Look again at the patterns **above**. Use the patterns to find the **perimeter** of **pattern 4**. Write your answer in the space below.

_____ cm

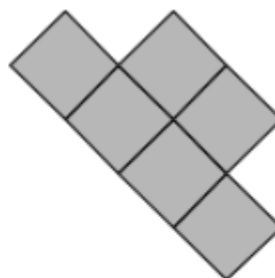
6. Look at the patterns below. They are formed from **square** tiles. The length of **one side of a square tile is 2 cm**.



Pattern 1



Pattern 2



Pattern 3

a) What is the **perimeter** of **pattern 3**? Write your answer in the space below.

_____ cm

b) How much **longer** is the **perimeter of pattern 2** than that of **pattern 1**?

_____ cm

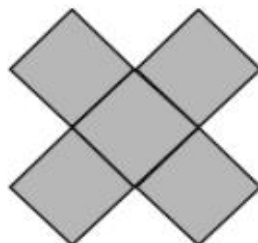
c) Look again at the patterns **above**. Use the patterns to find the **perimeter** of **pattern 4**. Write your answer in the space below.

_____ cm

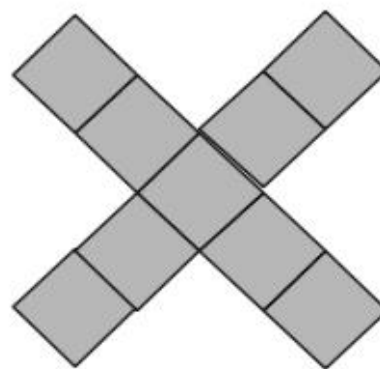
7. Look at the patterns below. They are formed from **square** tiles. The length of **one side of a square tile is 2 cm**.



Pattern 1



Pattern 2



Pattern 3

a) What is the **perimeter** of **pattern 2**? Write your answer in the space below.

_____ cm

b) What is the total **perimeter** of **pattern 3** and **pattern 1**?

_____ cm

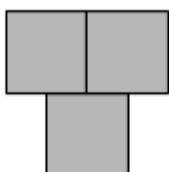
c) Look again at the patterns **above**. Use the patterns to find the **perimeter** of **pattern 4**. Write your answer in the space below.

_____ cm

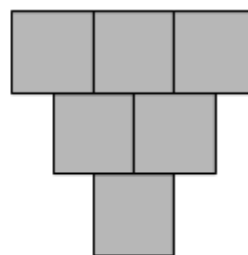
8. Look at the patterns below. They are formed from **square** tiles. The length of **one side of a square tile is 3 cm**.



Pattern 1



Pattern 2



Pattern 3

a) What is the **perimeter** of **pattern 3**? Write your answer in the space below.

_____ cm

b) What is the total **perimeter** of **pattern 2** and **pattern 1**?

_____ cm

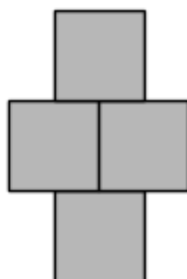
c) Look again at the patterns **above**. Use the patterns to find the **perimeter** of **pattern 4**. Write your answer in the space below.

_____ cm

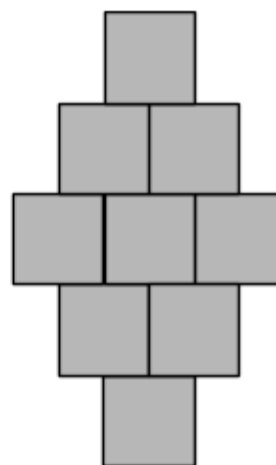
9. Look at the patterns below. They are formed from **square** tiles. The length of **one side of a square tile is 3 cm**.



Pattern 1



Pattern 2



Pattern 3

a) What is the **perimeter** of **pattern 3**? Write your answer in the space below.

_____ cm

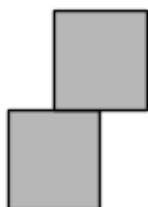
b) How much **longer** is the **perimeter of pattern 2** than that of **pattern 1**?

_____ cm

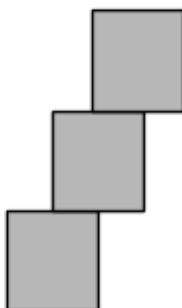
c) Look again at the patterns **above**. Use the patterns to find the **perimeter** of **pattern 4**. Write your answer in the space below.

_____ cm

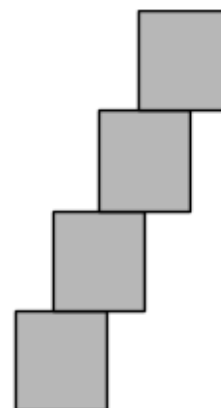
10. Look at the patterns below. They are formed from **square** tiles. The length of **one side of a square tile is 3 cm**.



Pattern 1



Pattern 2



Pattern 3

a) What is the **perimeter** of **pattern 2**? Write your answer in the space below.

_____ cm

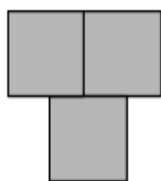
b) What is the total **perimeter** of **pattern 3** and **pattern 1**?

_____ cm

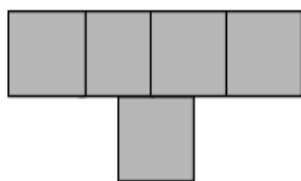
c) Look again at the patterns **above**. Use the patterns to find the **perimeter** of **pattern 4**. Write your answer in the space below.

_____ cm

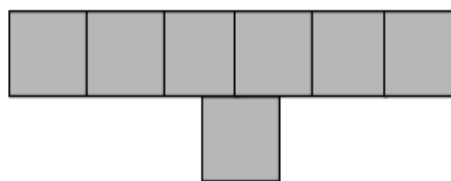
11. Look at the patterns below. They are formed from **square** tiles. The length of **one side of a square tile is 4 cm**.



Pattern 1



Pattern 2



Pattern 3

a) What is the **perimeter** of **pattern 2**? Write your answer in the space below.

_____ cm

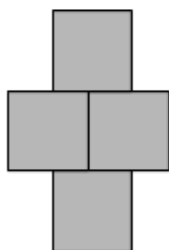
b) How much **longer** is the **perimeter of pattern 3** than that of **pattern 1**?

_____ cm

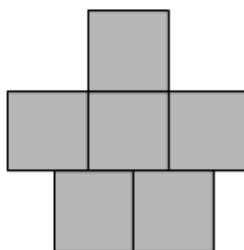
c) Look again at the patterns **above**. Use the patterns to find the **perimeter** of **pattern 4**. Write your answer in the space below.

_____ cm

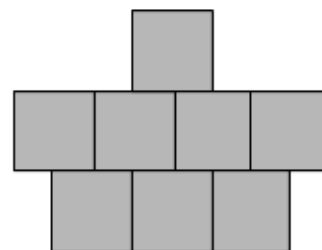
12. Look at the patterns below. They are formed from **square** tiles. The length of **one side of a square tile** is **5 cm**.



Pattern 1



Pattern 2



Pattern 3

a) What is the **perimeter** of **pattern 3**? Write your answer in the space below.

_____ cm

b) What is the total **perimeter** of **pattern 2** and **pattern 1**?

_____ cm

c) Look again at the patterns **above**. Use the patterns to find the **perimeter** of **pattern 4**. Write your answer in the space below.

_____ cm

Answers

- | | | |
|----------|--------|-------|
| 1. a) 10 | b) 2 | c) 14 |
| 2. a) 12 | b) 16 | c) 28 |
| 3. a) 16 | b) 4 | c) 20 |
| 4. a) 10 | b) 8 | c) 18 |
| 5. a) 24 | b) 8 | c) 32 |
| 6. a) 24 | b) 12 | c) 28 |
| 7. a) 24 | b) 48 | c) 56 |
| 8. a) 36 | b) 36 | c) 48 |
| 9. a) 48 | b) 18 | c) 66 |
| 10.a) 30 | b) 60 | c) 48 |
| 11.a) 48 | b) 32 | c) 80 |
| 12.a) 70 | b) 110 | c) 80 |