

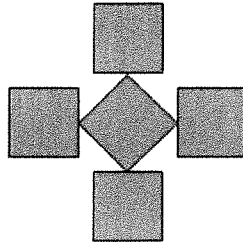
**Daily 5: Day 53**      **Name:** \_\_\_\_\_

1

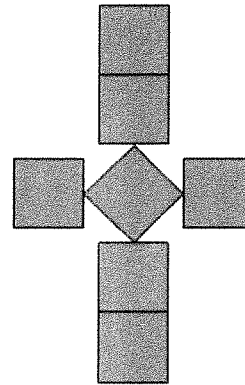
Look at the sequence of 3 patterns below.  
Each pattern is made up of small squares.



Pattern 1



Pattern 2



Pattern 3

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

|                      |   |    |    |   |    |    |    |    |
|----------------------|---|----|----|---|----|----|----|----|
| <b>Pattern</b>       | 1 | 2  | 3  | 4 | 5  | 6  | 7  | 8  |
| <b>Small Squares</b> | 3 | 5  | 7  | 9 | 11 | 13 | 15 | 17 |
|                      |   | +2 | +2 |   |    |    |    |    |

How many squares are needed to make Pattern 8?

- A 19      B 21      **C 17**      D 16      E 24

2

What is 9321 mm to meters?

$$1\text{ m} = 1000\text{ mm}$$

$$9.321 \div 1000 = 9.321$$

- A 932.1 m      B 93.21 m      **C 9.321 m**      D 0.9321 m      E 93210 m

3

Jessica is describing a quadrilateral to her classmates.

- It has one set of parallel sides. *always is a trapezium*
- It has obtuse and acute angles.
- It has a right angle.

What is the name of the quadrilateral she has described?

- A Parallelogram    B Rectangle    **C Trapezium**    D Kite    E Rhombus

4

How many seconds are there in  $\frac{3}{4}$  of an hour?

- A 2400    B 1800    C 3600    D 3000    **E 2700**

$$\frac{3}{4} \text{ of } 60 = 45$$

$$\begin{array}{r} 345 \\ \times 60 \\ \hline 2700 \end{array}$$

For question 5, you have to **write your answer** in the space provided in the question.

5

A train leaves Belfast at 09:39 and arrives in Bangor at 10:18.

How long does the journey from Belfast to Bangor take?

|  |
|--|
| <div style="font-size: 2em; margin-bottom: 5px;">39</div> <div style="border-bottom: 1px solid black; width: 100%;"></div> <div style="margin-top: 5px;">minutes</div> |
|--|

$$\begin{array}{r} 09:39 \\ + 00:39 \\ \hline 10:18 \end{array}$$

In this exercise there are some **spelling** mistakes. On each numbered line there is either **one** mistake or **no** mistake. Find the group of words with the mistake in it and mark its letter on your answer sheet. If there is no mistake, mark **N**.

## Spelling Exercise

1 After finishing the long hike through the forest, the group felt completely exhausted and rested by the river for lunch.

A B C D

exhausted

2 During the assembly the headteacher spoke about the importance of showing respectfull behaviour at all times.

A B C D

respectful

3 Liam was very surprized (he had been ill for most of the week) when he received a certificate for his excellent effort in class.

A B C D

surprized

4 The chef carefully prepared each dish with precision, making sure the ingredients were fresh and full of flavour.

A B C D

N

5 Before the match began, the coach gave a briliant speech to motivate the team to perform their best against their rivals.

A B C D

brilliant