

Daily 5: Day 128 Name: _____

For questions 1 to 4, choose the correct answer from the options given.

1

Look at the first five numbers of a sequence.

$$\begin{array}{cccccc} 1 & 2 & 3 & 4 & 5 \\ 105 & 93 & 81 & 69 & 57 \\ & -12 & -12 & & \end{array}$$

What is the sixth number in the sequence?

A 43

B 45

C 46

D 47

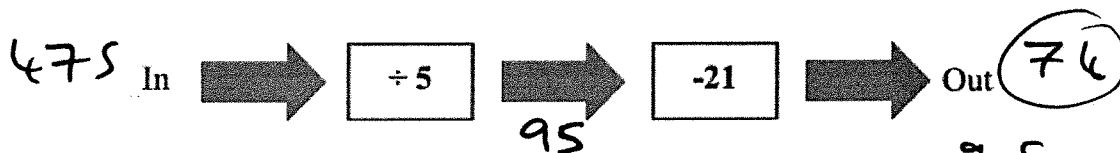
E 51

$$\begin{array}{r} 57 \\ -12 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 105 \\ -93 \\ \hline 12 \\ 93 \\ -81 \\ \hline 12 \end{array}$$

2

Look at the function machine below.



If the input is 475, what is the output?

A 74

B 95

C 79

D 96

E 116

$$\begin{array}{r} 95 \\ 5 \overline{) 475} \\ \underline{45} \\ 25 \\ \underline{25} \\ 0 \end{array}$$

$$\begin{array}{r} 95 \\ -21 \\ \hline 74 \end{array}$$

3

There are 260 pupils in a school. 30% of them have short hair.

How many pupils do NOT have short hair?

A 78

B 156

C 182

D 195

E 208

$$100 - 30 = 70\%$$

$$\begin{array}{r} \times 7 \\ \hline 260 \\ \times 7 \\ \hline 182 \end{array}$$

4

A full bottle of milk contains 127 ml.

How many litres of milk are in 7 full bottles?

- A 8.89 litres **B 0.889 litres** C 0.0889 litres D 1.27 litres E 88.9 litres

$$\begin{array}{r} 127 \\ \times 7 \\ \hline 0.889 \end{array}$$

For question 5, tick your answers in the spaces provided.

5

Tick to show whether each statement is true or false.

- ☒ A square has four lines of symmetry. **True** / False
☒ A rectangle has four lines of symmetry. True / **False**
☒ An equilateral triangle has one line of symmetry. True / **False**

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 circle its letter. If there is no mistake, circle **N**.

Spelling Exercise

1

embarrassed

The nervous actor felt embarrassed when he suddenly forgot his opening lines.

A The nervous actor B felt embarrassed C when he suddenly forgot D his opening lines. N No mistake

2

believe

The young scientists could not believe the strange results of their latest experiment.

A The young scientists B could not believe C the strange results D of their latest experiment. N No mistake

3

The committee arranged a special occasion to celebrate the school's hundredth anniversary.

N

A The committee arranged B a special occasion C to celebrate the D school's hundredth anniversary. N No mistake

4

definitely

We will definitely need a taller ladder to reach the top of the shelf.

A We will definitely B need a taller ladder C to reach the top D of the shelf. N No mistake

5

beginning

Next Wednesday the council will be beginning the repairs to the crumbling old bridge.

A Next Wednesday the council B will be beginning C the repairs D to the crumbling old bridge. N No mistake