

Daily 5: Day 107 Name: _____

1

Jasper is going to buy a season ticket for Liverpool.

If he pre-orders it, he will get 40% off the listed price which is £650.

$$100 - 40 = 60\%$$

What would the reduced price be?

$$\begin{array}{r} \times 6 \\ 650 \\ \hline 390 \end{array}$$

A £260

B £390

C £410

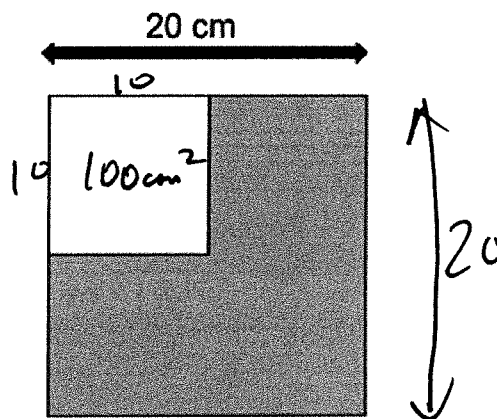
D £430

E £450

2

Look at the square below. It has a white square inside it.

Each side of the white square is half the length of the larger square.



$$\begin{array}{r} 20 \times 20 = 400 \\ - 100 \\ \hline 300 \end{array}$$

What is the area of the grey section?

A 100 cm²

B 200 cm²

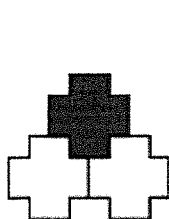
C 300 cm²

D 350 cm²

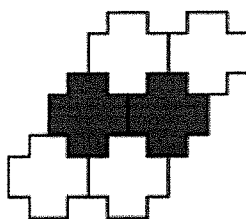
E 400 cm²

3

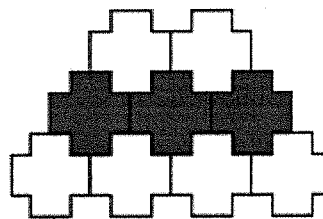
Look at the pattern below. It is made up of white and grey tiles.



Pattern 1



Pattern 2



Pattern 3

How many grey tiles will there be in pattern 6?

A 4 B 5 **C 6** D 7 E 8

1	2	3	4	5	6
1	2	3	4	5	6
	+1	+1	+1	+1	+1

4

Look again at the pattern in Q3.

What is the difference between the number of white tiles in pattern 1 and pattern 6?

A 5

B 8

C 10

D 12

E 15

$$12 - 2 = 10$$

1	2	3	4	5	6
2	4	6	8	10	12

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

5

Look at the statements below. Tick the statement if it is **true**.

- ☒ The angles in a triangle add up to 270° .
- ☒ An isosceles triangle has three equal angles.
- ☒ In an equilateral triangle each of the angles equals 60° .

In this exercise you have to choose the **best** word, or **group of words**, to complete each numbered line so that the sentence makes sense and is written in correct English. Choose the best answer and **mark its letter on your answer sheet**.

Grammar Exercise

1

The weather was freezing cold although despite whenever provided

A

B

C

D

unless the children insisted on playing outside.

E

2

The surgeon worked careful care carefully more careful careless

A

B

C

D

E

throughout the long operation.

3

Many Few Several Much Each of the sugar in the recipe had already

A

B

C

D

E

been measured out.

4

The scientist, whom whose who which what

A

B

C

D

E

research had taken thirty years, finally published her findings.

5

By the time the family arrived at the station, the last train

departs depart departing had departed will depart already.

A

B

C

D

E