

1

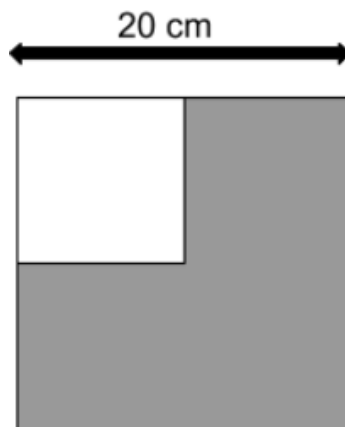
Jasper is going to buy a season ticket for Liverpool.
If he pre-orders it, he will get 40% off the listed price which is £650.

What would the reduced price be?

- 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.

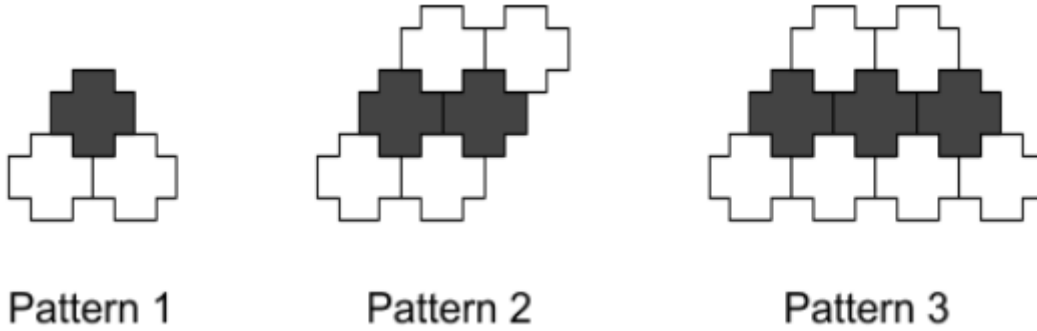


What is the area of the grey section?

- 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.



How many grey tiles will there be in pattern 6?

- A 4 B 5 C 6 D 7 E 8

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

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

Answers

Maths

1. B £390
2. C 300 cm² [IMAGE-dependent]
3. C 6 [IMAGE-dependent]
4. C 10 [IMAGE-dependent]
5. In an equilateral triangle each of the angles equal 60°.

English

1. A
2. C
3. D
4. B
5. D