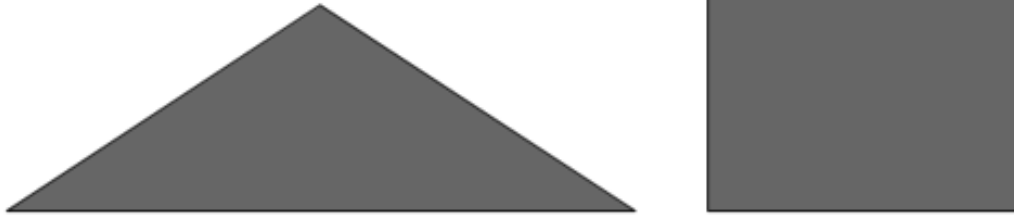


1

Look at the isosceles triangle and square below.



The triangle and square have the same perimeter.

If the sides of the triangle are 12 cm and 6 cm, what is the area of the square?

- A** 24 cm² **B** 30 cm² **C** 36 cm² **A** 48 cm² **C** 72 cm²

2

Look at the function machine below.

It is incomplete because one of the boxes is blank.



When the number 42 goes into the function machine, the number 18 comes out.

Choose the function from the answers below that make the statement true.

- A** +11 **B** -18 **C** -11 **D** ÷3 **E** ×3

3

Stacey is measuring the different side lengths of a cuboid.
The cuboid measures 4 cm by 2 cm by 6 cm.
She then adds up all the edges of the cuboid.

What is the total length of all the edges of the cuboid?

A 24 cm **B** 48 cm **C** 60 cm **D** 72 cm **E** 96 cm

4

How many even, two-digit whole numbers are there between 80 and 120?

A 19 **B** 9 **C** 11 **D** 18 **E** 20

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

5

Look at the five fractions below.

$$\frac{1}{4} \quad \frac{1}{3} \quad \frac{1}{6} \quad \frac{1}{2} \quad \frac{5}{12}$$

When these fractions are ordered from smallest to biggest, what is the middle fraction?

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 dog had been was is were being
A B C D E
sleeping on the mat when the thunder began.

2

She sang beautiful beauty beautifully more beautiful
A B C D
at the concert and received a standing ovation.
E

3

Many Few Several Much Each of the flour in the bowl had
A B C D E
been used up by the baker.

4

The trophy, whom whose who which what
A B C D E
stood on the shelf for years, was finally polished.

5

She revised every evening for because but
A B C
although since she still felt unprepared on the morning of the exam.
D E

Answers

Maths

1. C 36 cm²
2. A +11
3. B 48 cm
4. B 9
5. $\frac{1}{3}$ (one third)

English

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