

1

Look at the equation below:

$$62 \times 153 = 9486$$

Use the equation above what is the answer the following equation?

$$0.62 \times 15.3 = \underline{\hspace{2cm}}$$

- A 9.486 B 94.86 C 0.9486 D 948.6 E 9486

2

Look at the 6 cards below. Each card has a number on it.

1

8

4

6

12

10

The cards are placed in a box and the box is shaken so that the cards get mixed up. I choose a card at random and read the number on it. Look at the following five statements:

- A: The number is a negative number.
B: The number is triangular number.
C: The number is a factor of 10.
D: The number is less than 12.
E: The number is 12 or less.

Which statement above has an even chance of being true when a card is picked?

- A A B B C C D D E E

3

A rectangle is 4cm long and 9cm wide.

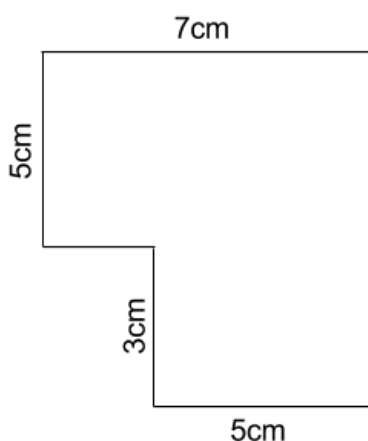
A square has the same area as the rectangle.

How long is one side of the square?

- A 13cm B 6cm C 36cm D 9cm E 4.5cm
-

4

Look at the shape below.



What is the perimeter of the shape?

- A 20cm B 22cm C 28cm D 30cm E 32cm
-

For question 5, you have to **write your answers** in the spaces provided in the question.

5

Look at the 5 distances below.

- 1.98cm 1.97m 1m 99cm 198cm 1981mm

Write the distances in order from the shortest to the longest.

(Shortest) (Longest)

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

Grammar Exercise

1 Jonah packed his rucksack, making sure he had everything he needed

unless before although however because he set off on the mountain trail.

A

B

C

D

E

2 The librarian whispered for the class to be quiet,

since despite because if unless several pupils were still chatting.

A

B

C

D

E

3 Sophie poured lemonade into the glasses, checking that

each both few neither them one was filled to the same level.

A

B

C

D

E

4 Marcus opened the window, which that because so although

A

B

C

D

E

the room could cool down after the science experiment.

5 A sudden gust of wind hit the playground, and the football rolled

quickly quick quicker quickest quicken across the grass.

A

B

C

D

E



Answers

Maths

- 1) A 9.486
- 2) B B
- 3) B 6cm
- 4) D 30cm
- 5) 1.98cm, 1.97m, 198cm, 1981mm, 1m 99cm

English

- 1) B
- 2) C
- 3) A
- 4) D
- 5) A