

1

A teacher has eight cards. On the cards are the numbers from 1-8.

They pick a card at random from the deck.

Look at the statements below.

- ① A = They pick an even number more than 6. (8)
 ③ B = They pick a triangular number. (1, 3, 6)
 ⑧ C = They pick a multiple of 1. (1, 2, 3, 4, 5, 6, 7, 8)
 ② D = They pick a square number. (1, 4)
 ④ E = They pick a prime number. (2, 3, 5, 7)

A D B E C
 1 2 3 4 8

Which row shows the outcomes ordered from least likely to most likely?

A A, D, B, E, C B D, A, B, E, C C A, D, E, B, C D A, B, D, E, C E C, E, B, D, A

2

$$1\text{ L} = 1000\text{ ml}$$

A bottle holds 2.02 litres of water. A child has five glasses. They pour 350 ml of water into each glass.

How much water is left in the bottle?

$$\begin{array}{r} 2.020 \\ \times 1000 \\ \hline 2020 \end{array}$$

$$\begin{array}{r} 2020 \\ - 1750 \\ \hline 270 \end{array}$$

$$\frac{270}{1000} = 0.27$$

A 0.52 litres B 0.32 litres C 0.27 litres D 1.75 litres E 0.17 litres

3

A baker makes five types of cakes in their shop.

Cake A weighs 0.37 kg. (370g)
 Cake B weighs 369 g. 369g
 Cake C weighs 369.9 g. 369.9g
 Cake D weighs 0.307 kg 307g
 Cake E weighs 3.8 g 3.8g

Which cake weighs the most?

A Cake C B Cake A C Cake B D Cake E E Cake D

4

Five runners ran 200 m.

The table below shows the time taken by each runner in seconds.

3 rd	4 th	1 st	5 th	2 nd
Runner A	Runner B	Runner C	Runner D	Runner E
24.29 secs	24.40 secs	23.08 secs	24.91 secs	23.13 secs

Which runner came third in the race?

A Runner A B Runner B C Runner C D Runner D E Runner E

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

5

Look again at the table showing the time taken by each runner.

How much faster was Runner E than Runner A?

$$\begin{array}{r}
 A \quad 24.29 \\
 E - \quad 23.13 \\
 \hline
 01.16
 \end{array}$$

1.16

seconds

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 By the time the rescue team arrived, the hikers
shelter sheltered have sheltered **had sheltered** sheltering in the cave.
A B C D E

2 The scientist explained her remarkable discovery
enthusiastic enthusiasm **enthusiastically** more enthusiastic enthusiast
A B C D E
impressing everyone in the lecture theatre.

3 **Several** Every Much Each Little of the paintings in the gallery had been
A B C D E
created by students from the local art school.

4 The ancient castle, **which** who whose what where
A B C D E
was built in the twelfth century, attracts thousands of visitors every year.

5 The young athlete refused **to stop** stopping stopped having stopped stop
A B C D E
despite the sharp pain in her knee.