

1

Look at the table below. It shows the melting points of three substances.

Substance	Melting Point °C
Carbon Dioxide	-78
Sea Water	-2
Ethanol	-114

If room temperature is 19°C, how many degrees is this above the melting point of Sea Water?

- A 21°C B 17°C C 19°C D 23°C E 2°C

2

A number is a palindrome if it looks the same backwards as forwards. For example, the three numbers: 232, 16061 and 11311 are all palindromes.

What is the smallest palindrome which is more than 400?

- A 505 B 444 C 414 D 404 E 400

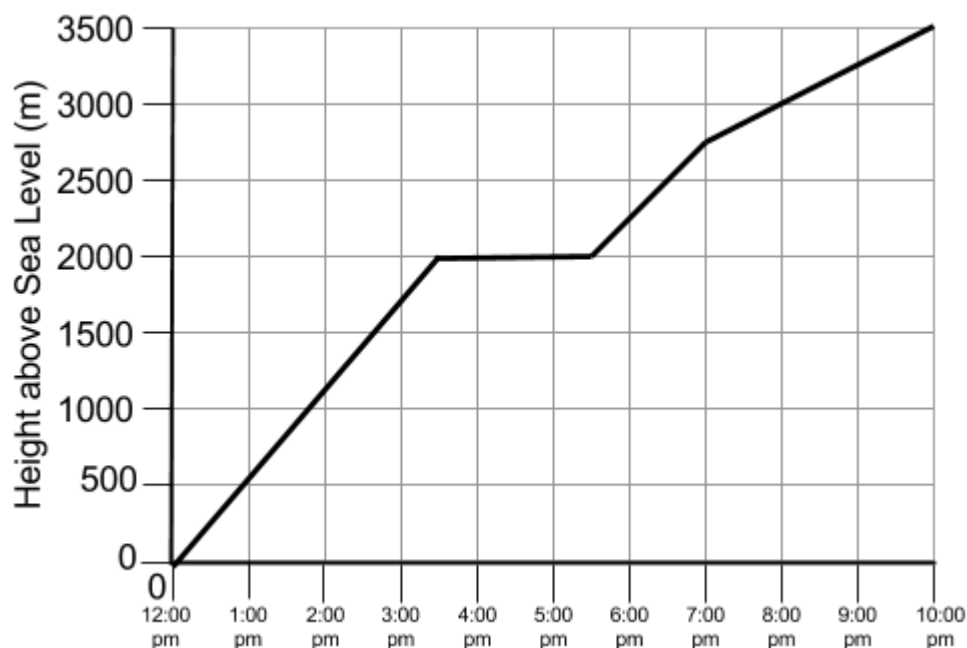
3

If the first prime number is 2 what is the fourth and fifth prime number multiplied together?

- A 55 B 77 C 35 D 121 E 13

4

An explorer climbs up to the top of a mountain. The graph below shows the explorer's height above sea level at certain times of the day.



How high has the explorer climbed at 18:00?

- A 2000m B 2750m C 2250m D 2500m E 3000m

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

5

Look at the table of equivalent fractions, decimals and percentages below.

Fill in the six gaps with the correct equivalents.

Fraction	$\frac{1}{10}$	_____	$\frac{1}{3}$	_____
Decimal	0.1	_____	_____	0.7
Percentage	10%	20%	_____	_____

In this exercise there are some mistakes with **punctuation** or use of **capital letters**. On each numbered line there is either **one** mistake or **no** mistake. Find the group of words with the mistake in it and **circle its letter** below. **If there is no mistake, mark N.**

Punctuation Exercise

1 During the match, the coach shouted, "Pass the ball quickly!" as the players rushed toward the goal.

A B C D

2 After the long journey, Sarah unpacked her bag, which contained clothes books and snacks for the weekend trip.

A B C D

3 "Where did you leave the keys"? asked Oliver as he searched under the sofa cushions, next to the TV and even in the toilet.

A B C D

4 The scientist who had studied volcanoe's for years presented her findings to the class, ensuring that they understood all the facts.

A B C D

5 Before the race began Jim was feeling the pressure. The announcer said "Runners please move to the starting line."

A B C D

Answers**Maths**

- 1) A 21
- 2) D 404
- 3) B 77
- 4) C 2250
- 5)

Fraction	$\frac{1}{10}$	$\frac{2}{10}$ or $\frac{1}{5}$	$\frac{1}{3}$	$\frac{7}{10}$
Decimal	0.1	0.2	0. $\dot{3}$	0.7
Percentage	10%	20%	33. $\dot{3}$ %	70%

English

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