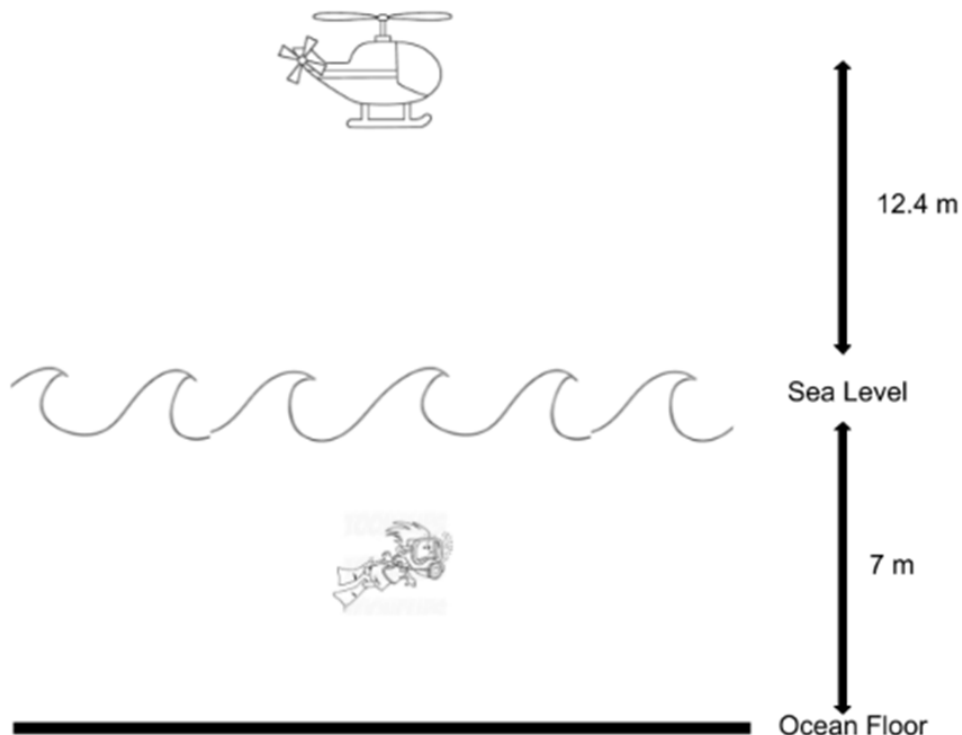


1



A helicopter is 12.4 metres above sea level.
The ocean floor is 7 metres below sea level.

How high is the helicopter above the ocean floor?

- A 5.4m B 12.4m C 19.4m D 7.4m E 21.4m
-

2

Use the question above.

A deep-sea diver is halfway between the ocean floor and sea level.

The ocean floor is 7 metres below sea level.

How high is the helicopter above the diver?

- A 12.4m B 15.9m C 19.4m D 8.9m E 3.5m
-

3

Use the numbers below.

64, 9, 10, 3, 25

Which number is a cubed number?

A 3 **B** 9 **C** 10 **D** 25 **E** 64

4

You are facing North East.

You turn 225° anticlockwise and then 135° clockwise.

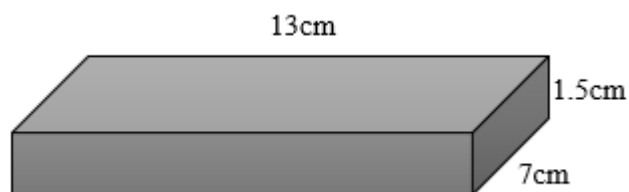
What direction are you now facing?

A North **B** North East **C** North West **D** South East **E** South

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

5

Look at the cuboid below.



Work out the volume of the cuboid in cm^3 .

Write your answer in the space below.

cm^3

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

The explorer realised that neither every both all each
A B C D E
of the two maps had shown the correct route.

2

She would have passed the test unless therefore if although because she
A B C D E
had revised more carefully.

3

The gardener worked careful carelessly carefully carefulness most careful
A B C D E
through the afternoon to plant the seedlings.

4

The match had ended; however despite moreover meanwhile in addition
A B C D E
the crowd remained noisy for some time.

5

The pupil worked hard more hard hardness hardened hardest
A B C D E
during the exam to finish all the questions.

Answers**Maths**

- 1) C 19.4m
- 2) B 15.9m
- 3) E 64
- 4) C North West
- 5) 136.5 cm³

English

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