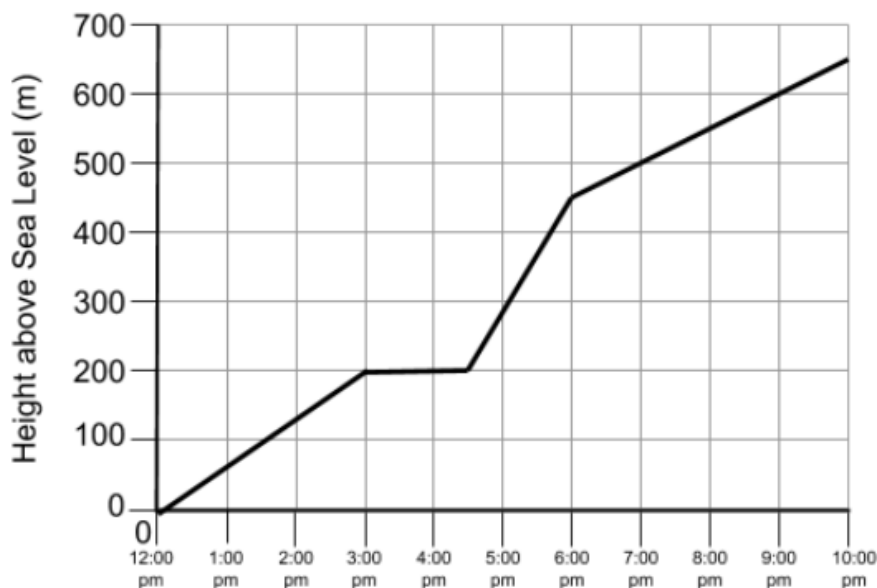


1

An explorer climbs a mountain. The graph shows height above sea level at certain times.



a) At 18:00, what height above sea level has the explorer reached?

- A 350 m B 400 m C 450 m D 500 m E 550 m

b) At what time did the explorer reach 600 metres above sea level?

- A 19:00 B 19:30 C 20:00 D 20:30 E 21:00

2

What time is 7 hours 31 minutes before midnight?

- A 3:49 pm B 4:09 pm C 4:29 pm D 4:49 pm E 5:09 pm

3

A school buys:

20 pencils at 30p each

30 rulers at 40p each

40 rubbers at 50p each.

What is the total amount the school pays?

A £32 **B** £35 **C** £38 **D** £41 **E** £44

4

Look at the two numbers below.

0.897 **0.91**

What is the larger of these two numbers multiplied by 100?

A 8.97 **B** 89.7 **C** 91 **D** 910 **E** 9.1

For question 5, you have to **tick** your answers in the space provided.

5

The statements below are about 3D shapes.

Tick to show whether each statement is **true** or **false**.

	<u>True</u>	<u>False</u>
A cube has 8 faces		
A sphere has 1 face		
A triangular based pyramid has 4 vertices		
A triangular prism has 12 edges		

Read the **whole** passage carefully, then answer the questions that follow.

The Visitor

1. Harvey could barely stay in his seat. A jazz musician had come to speak to the class today,
2. and Harvey had so many questions for him. The visitor was a short man with a wide-brimmed
3. hat, bow tie and a colourful suit. Harvey's teacher introduced the visitor as Terrence Harris, a
4. clarinet player. "I'm sure the students will enjoy hearing about your music, Mr. Harris," she said,
5. anticipation clearly entering her voice. "Please," said the man, "call me Terry."

6. Terry talked for a few minutes about music in general. Then he began talking about jazz, and
7. his whole face lit up. He described what was unique about jazz music, and he explained how
8. he had become a professional clarinet player. After a while, he asked the class if they had any
9. questions. Harvey raised his hand.

10. "What's the best way to become a jazz musician?" Harvey asked.
11. Terry laughed. "First, find a musical instrument that lets you breathe music through it. Next,
12. practice that instrument every day for the rest of your life." Harvey's eyes opened wide. "I want
13. to start practicing right now!" he shouted, jumping out of his chair.

14. "That's the spirit!" Terry said. "But why don't you wait until after school? Jazz players need
15. to get good grades, too. When I was a young man, I didn't think much of school."
16. "Really? What do you mean?" Harvey asked as he settled in his seat again.
17. "Yes, really," Terry replied. "It all began when I was eleven years old. . . ."

For these questions you have to **write your answers**, neatly, in the boxes provided.

- 1** Look at lines 1–5. What impression do you get of Harvey from these lines? Give two details from the text to support your answer.

- 2** Look at lines 6–9. What does Terry's behaviour suggest about his character? Give one detail from the text to support your answer.

3 Look at line 5. What does the word 'anticipation' suggest about how the teacher felt about the visit?

4 Which one part of speech are the following words as they appear in the passage?
short (line 2), **colourful** (line 3), **unique** (line 7), **professional** (line 8)

5 Which part of speech is 'anticipation' as it appears in the passage? (line 5)

Answers

Maths

- 1) A) C 450 m
B) E 21:00
- 2) 4:29 pm
- 3) £38
- 4) C 91
- 5) FTTF

English

- 1) Accept any valid response, e.g.: Harvey is enthusiastic / excited — he could barely stay in his seat (line 1); he had so many questions for the visitor (line 2) / he is curious and eager to learn
- 2) Accept any valid response, e.g.: Terry is passionate about jazz — his whole face lit up (line 6) / he described what was unique about jazz music; he is open and engaging with the students
- 3) Accept any valid response, e.g.: the word suggests the teacher was excited / looking forward to the visit; it implies she expected the students to enjoy and benefit from hearing Terry speak
- 4) Adjectives
- 5) Noun