

1

Terry goes to the shop. It costs £2.30 for 0.25L of lemonade.

How much does it cost for 1750ml of lemonade?

- A** £12.90 **B** £14.40 **C** £16.10 **D** £17.25 **E** £18.40

2

Look again at Q1.

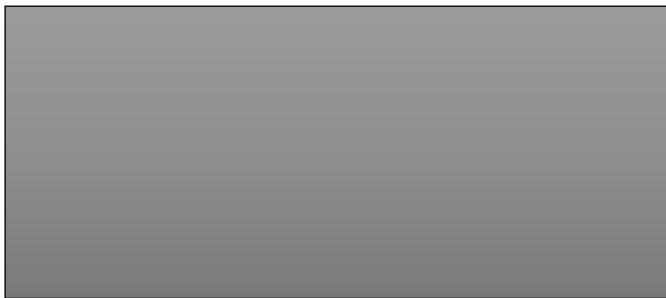
Terry goes back a week later and there is a special offer on lemonade.
There is 30% off the previous listed price.

How much does it cost now for 1750ml of lemonade?

- A** £10.50 **B** £11.27 **C** £11.83 **D** £12.60 **E** £13.30

3

Look at the rectangle below.



How many lines of symmetry does it have?

- A** 0 **B** 1 **C** 2 **D** 3 **E** 4

4



STIRLING TUITION

Sam is adding together the digits of prime numbers.

Can you find a prime number whose digits add together to make 10?

A 55

B 64

C 37

D 91

E 26

For question 5, you have to by **writing** and **circling** the correct answers.

5

Complete the statement below by writing and circling the correct answers.

If you add the angles in a right-angle to the angles in a triangle the angle will

equal _____° which is a / an acute / obtuse / reflex angle.

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

Lights, Action, Snakes!

1. "Cut!" the director yelled, clearly happy with what he had just witnessed. "Excellent work,
2. Everyone! Take a break before the next scene." Sam and Diane, the stars of the film, walked
3. with an air of hubris, off the set together. However, when they reach their chairs and sat down
4. Sam removed his wool cap and squeezed it nervously.
5. "You seem worried," Diane said with a concerned tone in her voice. "Snakes creep me out,"
6. whispered Sam, shuddering at the thought. "I hate being anywhere near them, the way they
7. slither and hiss, I can't stand it!" "The scene won't take long," Diane reassured him, with a sly
8. smile coming over her face. "Just get it out of the way, and you won't have to think about it
9. anymore."
10. "Why can't they use fake snakes? Or a stunt double—someone to play the scene for me?"
11. Sam asked. "Or better yet, maybe you could hold the snakes!" he suggested. Diane shook her
12. head. "No, no. That wouldn't make sense in the movie."
13. "Well, it makes sense to me," replied Sam, clearly not happy with the situation. "Oh, come on,"
14. Diane said. "Think of your reputation. A big, strong action star like you— What would happen if
15. your fans knew how scared you were of some harmless little reptiles?"
16. Sam narrowed his eyes. He knew where Diane was going with this line of questioning. "You
17. wouldn't dare tell." "I would if you tried to get out of it," Diane threatened. Sam paused for a
18. moment, clearly thinking about all the different permutations. "You're right," he said. "I wouldn't
19. want that."

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

1

What evidence is there that Sam is frightened of snakes?

Give two details from the text.

2

How does Diane persuade Sam to take part in the snake scene?

Give two details from the text to support your answer.

3 Look at line 7. What does the word 'reassured' suggest about how Diane responded to Sam's fear?

4 Which one part of speech are the following words as they appear in the passage?
excellent (line 1), **sly** (line 7), **strong** (line 14), **harmless** (line 15)

5 Which part of speech is 'hubris' as it appears in the passage? (line 3)

Answers

Maths

- 1) C £16.10
- 2) B £11.27
- 3) C 2 lines of symmetry
- 4) C 37
- 5) 270, reflex

English

- 1) Accept any two valid responses, e.g.:
He says, "Snakes creep me out."
He shudders at the thought.
He says, "I hate being anywhere near them."
He says he cannot stand the way they slither and hiss.
- 2) Accept any two valid responses, e.g.:
Diane reminds Sam that he is supposed to be a big, strong action star.
Diane challenges Sam's reputation as a brave action star.
She suggests his fans would think less of him if they knew he was afraid of snakes.
She threatens to tell people about his fear if he tries to get out of the scene.
Sam realises she is right and decides not to avoid the snake scene.
- 3) Accept any valid response, e.g.: the word suggests Diane was calm and comforting / trying to put Sam at ease; it implies she spoke in a soothing tone to reduce his worry about the snake scene
- 4) Adjectives
- 5) Noun