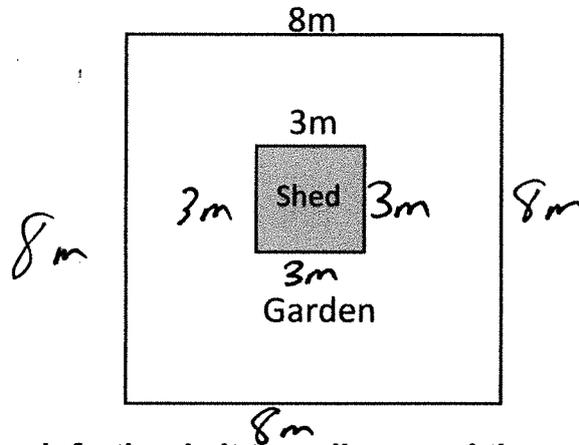


- 1 This is a bird's eye view of Jean's back garden. It has a square shed in the centre of a square garden. The garden has a side length of 8 m and the shed has a side length of 3 m.



$$8 \times 4 = 32$$

$$3 \times 4 = 12$$

$$- 20$$

How much further is it to walk around the outside edge of the garden than the outside edge of the shed?

A 32

B 18

C 20

D 44

E 12

- 2 Derek's mobile phone contract includes the following information on the cost of calls:

12p per minute for the first two minutes

4p per minute for each minute after the first two minutes.

Derek makes a call which lasts 13 minutes. How much will this call cost?

A 44p

B 68p

C 156p

D 52p

E 76p

$$2 \text{ mins} = 12 \times 2 = 24 \text{ p}$$

$$13 - 2 = 11 \text{ mins} = 4 \times 11 = 44 \text{ p}$$

$$+ \quad \quad \quad$$

$$\underline{\quad \quad \quad}$$

$$68 \text{ p}$$

3

Barney brought 15 sweets to school. At break time he buys \oplus 8 sweets at the tuck shop. At lunchtime he gives \ominus 12 sweets away to friends. At the end of the school day Barney buys another 7 sweets.

How many sweets does Barney have now?

- A 18 B 23 C 11 D 28 E 42

$$15 + 8 - 12 + 7 = 18$$

\oplus 23
 \ominus 11

4

Elaine travels for 342 minutes to get to Bulgaria.

What is this in hours and minutes?

$$\begin{array}{r}
 60 = 1 \\
 120 = 2 \\
 180 = 3 \\
 240 = 4 \\
 300 = 5 \\
 360 = 6
 \end{array}
 \qquad
 \begin{array}{r}
 342 \\
 - 300 \\
 \hline
 042 \checkmark
 \end{array}$$

- A 6h 24m B 3h 42m C 34h 2m D 5h 42m E 3h 24m

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

5

Bag A, B and C contain sweets. There are 3 types of sweets: fizzy, sour and sweet. The number of sweets in each bag is:

Bag A	Bag B	Bag C
3 Fizzy	2 Fizzy	7 Fizzy
5 Sour	5 Sour	3 Sour
5 Sweet	3 Sweet	4 Sweet

$\frac{5}{13}$
 $\frac{5}{10}$
 $\frac{3}{14}$

I choose a sweet at random from each bag. For one of the bags the chance of picking a sour sweet is an even chance. Which bag?

$$\frac{1}{2} \text{ or } 50\%$$

Bag B

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

Why the nerves?

1. John sat in the corridor with four other pupils, waiting for Mr. Stirling to interview all of them for
2. the new ICT assistants post. Mr. Stirling, the P7 teacher was looking for an ICT expert to help
3. the other pupils and teachers in the school. John's hands were sweaty and in the summer heat
4. he felt hot and bothered. He wondered if this would affect his chances in the interview and if
5. any other pupils would notice.
6. As he prepared for the interview, he looked at the notes he had meticulously prepared over the
7. previous week, with all the questions he thought Mr. Stirling might ask. "How do you copy and
8. paste a picture from the internet to the background of a PowerPoint?" he carefully read to
9. himself as his heart quickened.
10. John then looked around at the other pupils to see if he could see any nerves. Close by there
11. was another boy shuffling in his seat from side to side. The boy looked over at John and asked,
12. "Are you nervous?"
13. John replied with a stammer, "N...No, not all. What about you?"
14. "Uh no, I just don't like to sit and wait about." the boy replied.
15. At that moment Mr. Stirling came out of his room, "John?" he called.

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

- 1 Look at line 3. When John was waiting to be interviewed his hands were sweaty.
What three word phrase in lines 6-9 describes another physical reaction which tells us of John's nerves?

his heart quickened

- 2 Which word in lines 1-5 means the same as professional?

expert

- 3** The word **meticulously** is used in line 6.
Which word in lines 6-9 have a similar meaning?

Carefully

- 4** Which one part of speech are the following as they appear in the passage?
corridor (line 1), **expert** (line 2), **summer** (line 3), **interview** (line 4)

Noun

- 5** Which part of speech is “nerves” as it appears in the passage? (line 10)

Noun