

1

The crisps in a single packet weigh 45g. A multipack contains 30 single packets. Dan is having a party.

He empties the contents of all the packets in a multipack onto the table.

What is the weight of the crisps on the table?

- A 0.135kg B 1.3kg C 1.35kg D 13.5kg E 135kg
-

2

Aaron buys his favourite oranges each week. Each week, for 5 weeks, he counts the number of oranges he buys. He makes a list of the number of oranges he buys each week. Look at the list below.

12 18 11 19 25

What is the mean (average) AND the range of the number of oranges?

- A 15,8 B 17,14 C 18,13 D 21,7 E 85,36
-

3

Jemima is buying fish for her tank.

She uses the rule below to work out the maximum number of fish she can keep in the tank.

Maximum number of fish = Volume of tank in litres \div 11

Using this rule what is the maximum number of fish Jemima can keep in a tank of 165 litres?

- A 11 B 15 C 16 D 33 E 1815
-

4

Sam drove to Newcastle.

He spent 41 minutes in Newcastle.

Sam left Newcastle at 7:24 pm.

When did he arrive in Newcastle?

A 18:43 B 18:54 C 18:44 D 20:05 E 06:43

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

5

Look at the three numbers below.

10 65 355

All three numbers are multiples of the same number (Not 1).

What is that number?

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

The Kayaking Trip

1. Sophie took the helmet from Conrad, the kayaking instructor who would be guiding
2. the group down the lake. Sophie pushed her hair out of her face and fitted the
3. helmet on her head. Then she fastened the strap. "I've never had to wear a helmet
4. on a boat before," she complained.

5. "This isn't really a boat," said Conrad. "It's a kayak," he explained in a casual tone.
6. "A kayak is thinner, and it doesn't have an engine." Conrad picked up a pile of life
7. jackets and began distributing them to people as they waited to climb into their
8. kayaks. "We'll hit some choppy water in the lake," he told everyone. "And we want all
9. of you to be safe."

10. "But I feel silly in this helmet," Sophie said. "Do I really need it?" Stepping forward
11. confidently to get a life jacket, she caught her foot in a rope that was coiled up near
12. the raft. Sophie stumbled forward and, with a scream, fell onto the pile of rope.
13. Conrad smugly smiled at Sophie as she untangled herself. "Yes, you really do need
14. it," he answered, holding out his hand to help Sophie up. Sophie stood up carefully,
15. "You know," she said, "I think you're right!"

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

- 1** Look at lines 1–6. According to the text, why had Sophie never worn a helmet on a boat before?

- 2** Look at lines 7–11. What caused Sophie to fall over the rope?

3 Which word in lines 10–15 means the same as calmly?

4 Which one part of speech are the following as they appear in the passage?
helmet (line 1), rope (line 11), lake (line 2), kayak (line 6)

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

Answers

Maths

- 1) C 1.35kg
- 2) B 17,14
- 3) B 15
- 4) A 18:43
- 5) 5

English

- 1) Never had to wear a helmet on a boat before.
- 2) Caught her foot in the rope.
- 3) Confidently
- 4) Nouns
- 5) Adverb