ST

1 Look at the equation below.

$B \div 8 = 678$

(handwritten) 6 6 / 6 7 8 . / × 8 / 5 4 2 4

What is the value of B? *(handwritten)* 5 4 2 4

A 670   B 192   (C 5424)   D 686   E 84.5

2 Mia is building a miniature version of a Jumbo Jet. The scale she uses is below.

5cm = 6m

(handwritten) ×12 (5cm = 6m / 60cm = 72m) ×12

The wingspan of the real Jumbo Jet is 72 metres.

What size does she have to make the wingspan on her miniature version?

(A 60cm)   B 72cm   C 432cm   D 360cm   E 11cm

3 Sarah is working for the next five weekends. She is saving for a new scooter. Below is the amount she makes each weekend.

£13   £18   £19   (£7)   £23   (£35)

(handwritten) 35 − 7 / 28

On her sixth weekend she earns £35.

What is the range of her earnings, including weekend six?

A £16   B £24   C £18   D £22   (E £28)

4

In a zoo there are 5 zebras, 12 flamingos and 18 fish.

How many feet and heads are there altogether in the zoo?

Zebra ≥ 5
Flamingo 36
fish + 18
79

A 25   (B 79)   C 36   D 18   E 102

Zebra(5)
Heads Feet
(5)   5×4=(20)

Flamingo (12)
Heads feet
(12)   12×2=(24)

Fish (18)
heads feet
(18)   (0)

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

5

Look at the calculation below.

123 x 45 = 5535

Tick the calculations below that would give the same answer as the calculation above.

- 1230 x 450   ☒ *×10 ×10*
- 12.3 x 450   ☑ *÷10 ×10*
- 1230 x 45   ☒ *×10 0*
- 12300 x 0.45 ☑ *×100 ÷100*

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

ST

STIRLING TUITION

A Long Day

1. Jamie was tired. She had been on her feet for hours. Her mum owned a small but
2. busy restaurant in town. Three of her mum's employees had called in sick that
3. morning. There was a big festival in the city park that day, and Jamie had wanted to
4. go. But her mum had asked for her help at the restaurant.

5. All Jamie wanted to do was sit down for a while. Instead, she hurried around the
6. restaurant, taking orders and refilling coffee cups. As soon as one table was cleared,
7. a new set of customers walked in. The customers just kept coming! That meant
8. more orders and more coffee.

9. "Order up!" called the cook from the kitchen. Jamie stared at the kitchen. She
10. thought about all the food stalls at the festival. Cooks there were preparing special
11. foods from all over the world. Jamie imagined the delicious smells of new and exotic
12. foods.

13. "Hurry, Jamie!" the cook called, catching Jamie lost in thought.

14. "I'm coming," Jamie grumbled. But her mum had already picked up the plates of hot
15. food from the counter and delivered them to a table by the window.
16. "Wake up, Jamie," her mum said. "I know you don't want to be here, but I need your
17. help."

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

1   **Look at lines 1-4. Find the reason why Jamie is tired.**

She had been on her feet for hours.

2   **Look at lines 5 – 8. What, according to the text, is the most popular drink being served?**

Coffee

3   Which word in lines 9-12 means the same as foreign?

> *exotic*

4   Which one part of speech are the following as they appear in the passage?
cooks (line 10), **thought** (line 13), **counter** (line 15), **help** (line 17)

> *noun*

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

> *adjective*