

1

In a sale, items are reduced by a quarter.

Old Price	New Price
£44.00	£33.00
£80.00	£60
£100	£75.00

25% or $\frac{1}{4}$

$$\frac{1}{4} \text{ of } 80 = 20 \quad \begin{array}{r} 80 \\ -20 \\ \hline 60 \end{array}$$

$$\frac{\div 3}{\times 4} \text{ of } \text{---} = 75 \quad \begin{array}{r} 75 \\ \times 4 \\ \hline 300 \end{array}$$

Which pair of values correctly completes the table?

A £55, £90

B £60, £90

C £60, £100

D £70, £100

E £65, £105

2

Toby, Charlie, Evie and Ruby stand next to each other in a straight line.

✓ Charlie stands to the left of Evie and Ruby.

✓ Evie stands to the left of Ruby.

Toby stands to the right of everyone else.

Left ←

→ Right

C E R
C E R
C E R (T)
↑

Who stands next to Toby?

A Charlie

B Evie

C Ruby

D Charlie and Evie

E Evie and Ruby

3

Max asks 4 friends how many mobile phones there are in their home.

Their answers are: 3 7 (1) 6 (?)

Max then adds to this list the number of mobile phones in his home.

There are now 5 numbers in the new list.

The range of these 5 numbers is 10.

$$\begin{array}{r} ? \\ 11 \\ - 1 \\ \hline 10 \end{array}$$

How many mobile phones are there in Max's home?

$$10 + 1 = 11$$

A 4

B 6

C 8

D 10

E 11

4

Soup is put in the microwave at 3:42 pm.

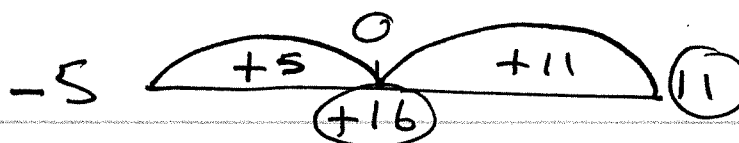
Its temperature is -5°C at the time.

Its temperature increases by 2°C for every minute it is in the microwave.

What is the temperature of the soup at 3:50 pm?

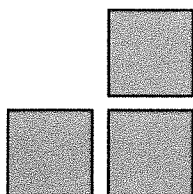
$$\begin{array}{r} 3:50 \\ - 3:42 \\ \hline 0:08 \text{ mins} \end{array}$$

A 5°C B 7°C C 9°C D 11°C E 13°C



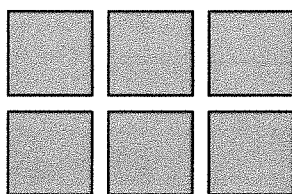
For question 5, you have to **write your answer** in the space provided.

5



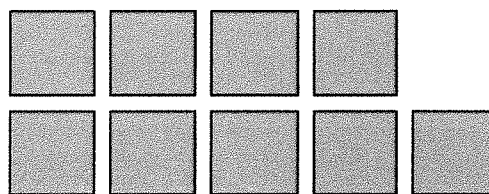
Pattern 1

3



Pattern 2

6



Pattern 3

9

How many more tiles are needed to make the 45th pattern than the 42nd pattern?

3 times tables

9 tiles

$$\begin{array}{r} 45 \\ \times 3 \\ \hline 135 \end{array}$$

$$\begin{array}{r} 42 \\ \times 3 \\ \hline 126 \end{array}$$

$$\begin{array}{r} 45 \\ \times 3 \\ \hline 135 \\ 126 \\ \hline 009 \end{array}$$

or

42	43	44	45
0	3	6	<u>9</u>

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

In the Cafeteria

1. When Tom brought his lunch to her table, Lindsey knew something
2. was up. "Your friends are over there," she said, nodding ⁽⁴⁾toward the other side of the cafeteria.
3. "I'd rather sit here today" ⁽²⁾Tom replied. He took a bite out of his pizza and looked ⁽³⁾around the
4. cafeteria. Lindsey stared ⁽⁵⁾straight ahead, silent. "So, what's new?" Tom asked. Lindsey picked
5. at her food. "Look, Lindsey, I'm sorry," Tom said. "I was just kidding about your shoes."
6. "I can't believe you said that in front of everyone," Lindsey said. Anger rose ⁽⁴⁾inside her, but she
7. kept control of herself. "My mom bought me those shoes because she thought I would like ⁽³⁾
8. them. Now everyone's going to call me 'Sparkle Toes' forever." She pushed her feet ⁽⁴⁾beneath ⁽¹⁾
9. her backpack, which she had placed on the floor. She tried her best to hide the silver shoes
10. with their glittery pink laces. "I thought we were friends," she said, looking down.
11. "We are friends," Tom said. "I was just trying to be funny. How can I make it up to you?" Finally,
12. Lindsey realized that Tom meant what he said. Plus, she had an idea. She began unlacing her
13. shoes. "Give me your shoes. You wear mine for the rest of the day," she said. Then she
14. glanced at the second piece of pizza on Tom's plate. "And give me your other slice of pizza.
15. Then we'll be even."
16. Tom nodded and smiled. "That seems fair," he said, pushing his plate toward Lindsey with one
17. hand and reaching down to untie his laces with the other.

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

- 1** Look at lines 6–10. Write what Lindsey did to try to hide her shoes.

Hide them under backpack.

- 2** Look at lines 1–5. What does Tom choosing to sit with Lindsey, rather than with his own friends, suggest about how he is feeling? Give one detail from the text to support your answer.

Feels guilty, sorry, left his friends to sit with her.

- 3** Look at line 6. What does the phrase “Anger rose inside her” suggest about how Lindsey was feeling at this moment in the story?

She was angry, but didn't want to show it.

- 4** Which one part of speech are the following words as they appear in the passage?
toward (line 2), inside (line 6), beneath (line 8), around (line 3)

prepositions

- 5** Which part of speech is ‘straight’ as it appears in the passage? (line 4)

adverb