

1

$$31 + 30 = 61$$

What is the total number of days in December and September?

- A 30 B 60 C 31 **D 61** E 62

2

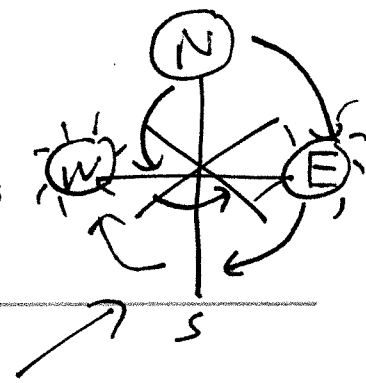
Look at the question below.

$$12345 \div x = 5$$

$$\begin{array}{r} 02469 \\ 5 \overline{)12345} \end{array}$$

What is the value of x?

- A 2469** B 2349 C 2465 D 61725 E 246



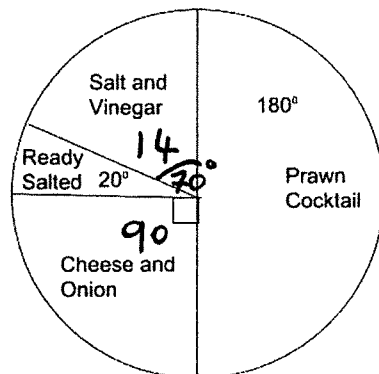
3

Which two points of the compass are three-quarters of a turn from North?

- A South/West B South/East **C East/West** D North/South E North/East

4

Bobby asks people about their favourite crisps. He draws the pie chart below.



$$\begin{array}{r} 180 \\ 90 \\ + 20 \\ \hline 290 \end{array}$$

$$\begin{array}{r} 360 \\ - 290 \\ \hline 70 \end{array}$$

$$\begin{array}{l} 70^\circ = 14 \\ \div 7 \quad 10^\circ = 2 \\ \times 9 \quad 90^\circ = 18 \end{array}$$

He finds out that 14 children prefer Salt and Vinegar.

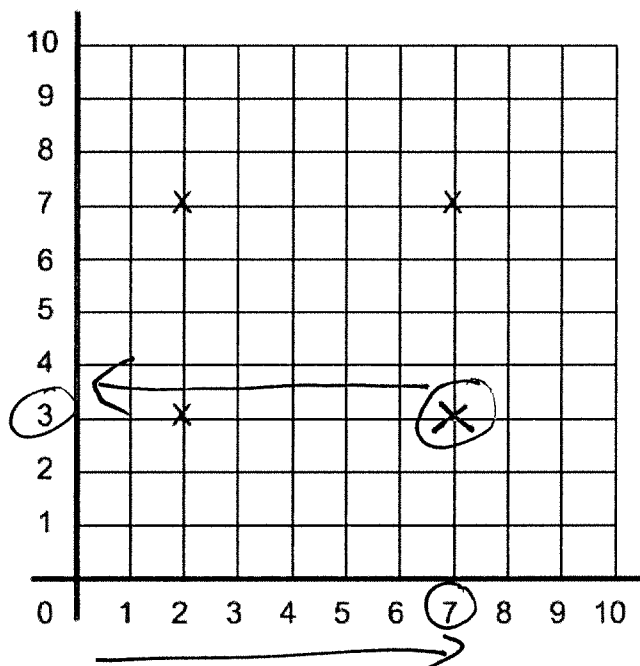
How many children prefer cheese and onion?

- A 70 **B 18** C 28 D 14 E 360

For question 5, you have to **write your answer** in the box below.

5

Look at the coordinates grid below.



There are 3 points marked on the grid $(2,3)$, $(7,7)$ and $(2,7)$.

These are three vertices of a rectangle.

What would the coordinates of the 4th vertex of the rectangle be?

$(\underline{7} , \underline{3})$

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

Good Luck Charm

1. Gemma paced back and forth as she waited backstage. This would be her most important
2. piano performance yet. At ten years old, she was the youngest performer in the recital. She
3. had practised playing her song more than 30 times that week. When she closed her eyes at
4. night, the music played repeatedly in her head. (4)

5. Now that the day had arrived, Gemma was not sure she was ready. She smoothed her hair
6. and picked a piece of lint from the new dress that her mother had bought for her. She noticed (1)
7. that her hands were shaking, and her shimmering dress was also shaking. How could she
8. play the notes of the song if her hands were shaking? She tried to concentrate on steadying
9. them, but they only shook more.

10. Gemma's piano teacher, Ms. Neal, leaned down to speak to her. "I have something for you,"
11. she said, pressing a smooth black stone into Gemma's hand. "It's a special stone. There's no
12. other one like it in the world. You've practiced so much, you don't need anything else." (2)
13. The stage lights reflected off the polished rock. "Thank you," Gemma said.

14. When Gemma's name was called, she rubbed the stone, stepped onto the stage, and played
15. better than ever. After her performance, she noticed that Ms. Neal had a whole bag of black
16. stones. "Why did you say this one was so special?" she asked.
17. Her teacher responded, "Because, like your talent, it belongs only to you." (5)

1

Why were Gemma's hands shaking before the performance?

- A She was cold because the backstage area was drafty.
- B She was nervous about playing in front of an audience.
- C She hadn't practiced enough during the week.
- D She was holding too many things in her hands.
- E She hurt her hand earlier that day.

2

What does the black stone most likely represent in the story?

- A A tool for improving her piano technique
- B A reminder that she needs more practice
- C A symbol of confidence and encouragement
- D A magic object that guarantees success
- E A present from her mother

3

What can the reader infer about Ms. Neal from the passage?

- A She gives every student the exact same stone.
- B She believes Gemma should stop performing.
- C She wants Gemma to rely on luck, not practice.
- D She cares about helping Gemma feel confident.
- E She thinks Gemma is not ready for the recital.

4

Which of these is a fact from the passage?

- A Gemma was the best pianist in the entire recital.
- B Gemma practiced her piece more than 30 times that week.
- C Black stones always bring good luck.
- D The audience preferred Gemma's performance.
- E Ms. Neal knew Gemma would win a prize.

5

Why does the teacher say the stone is "special"?

- A Because it is worth a lot of money
- B Because it brings good luck to everyone
- C Because it belonged to a famous musician
- D Because it represents Gemma's unique talent
- E Because it guarantees she will perform perfectly