

1

If you start at the number 5 and subtract 2, four times, what number do you end up at?

- A -1 B 3 C -3 D -8 E 1
-

2

You are facing East.

You turn 45° anticlockwise and then 135° clockwise.

In what direction are you now facing?

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

3

Below are five statements about triangles.

- A. Three sides of an equilateral triangle are the same length.
- B. All three angles in a triangle must be acute.
- C. The three angles of a scalene triangle are always different.
- D. Two angles in an isosceles triangle are equal.
- E. The angles in a triangle always add up to 180 degrees.

Which of the following statements is false?

- A A B B C C D D E E
-

4

Hannah asks 4 friends how many fish there are in their tanks at home. Their answers are shown in the list below.

5 3 2 7

Hannah then adds to this list the number of fish in her tank at home.

There are now 5 numbers in the new list. The range of these 5 numbers is 8.

How many fish are there in Hannah's tank at home?

A 8 B 9 C 12 D 6 E 10

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

5

A packet of cookies contains 6 individual cookies. Every day Adam eats 4 cookies with his cup of tea.

How many packets of cookies does Adam eat in 9 days?

<hr/> packets

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

Grand Opening

1. Sam's brother John had told him that the new city gymnasium was good, but this was better
2. than anything he could have imagined. The two-story ceiling of the gym was high enough to
3. allow for an astounding climbing wall. Dozens of sports balls of all kinds lined the far wall,
4. each kind in its own special rack. Three full-size basketball courts were filled with kids playing
5. games.

6. "Pretty awesome, isn't it?" John asked. Sam's mouth hung open. He was speechless. John
7. waved his hand in front of his face. "Hello, Sam? Isn't it cool?"

8. "It's perfect," Sam managed to say. He was checking out the football pitches. Sam loved lots
9. of sports, but football was his favourite. The new goals were just waiting for the first strike in
10. the top bins.

11. John continued, "You can practice your penalty shots, and I can work on my basketball
12. layups—well, when the crowd thins out, anyway. If we come here every day this summer, try-
13. outs this autumn will be a snap."

14. Sam nodded as he tried to take it all in. Smiling, John turned his eyes to the volleyballs. "Or
15. maybe we could play volleyball while we wait for a space on a basketball court," he said.
16. "That is, if you're ready to eat my dust!" He made a sudden move toward the balls.

17. Startled out of his visions of football glory, Sam turned and sprinted ahead of John. "Oh
18. yeah?" he called over his shoulder. "You'll never get past me!"

1

Where does the story take place?

- A At a football stadium
- B In a school sports hall
- C At an Olympic training centre
- D At a new city gymnasium
- E On an outdoor sports field

2

Which of the following best describes Sam?

- A He prefers basketball over all other sports
- B He is unsure about trying new activities
- C He is enthusiastic and enjoys sports
- D He is more interested in watching than playing
- E He does not like competing with others

3 Which two sports are probably Sam's favourites?

- A Basketball and volleyball
- B Football and basketball
- C Football and climbing
- D Football and volleyball
- E Football only

4 How does the setting affect Sam?

- A He feels nervous about trying new sports
- B He is disappointed by the facilities
- C He feels bored by the environment
- D He wants to leave quickly
- E He is impressed and excited by the gym

5 What does John's behaviour suggest about his personality?

- A He is quiet and unsure of himself
- B He prefers to work alone
- C He is competitive and playful
- D He does not enjoy sports
- E He is frustrated with Sam



Answers

Maths

- 1) C -3
- 2) B South
- 3) B B
- 4) E 10
- 5) 6

English

- 1) D
- 2) C
- 3) B
- 4) E
- 5) C