Test answers - Position and direction

Year: Year 1 · Duration: 20 minutes · /20

Answer to Question 1 (4 marks)

a. Read the row from the left: the first letter is **A**, so A is at the left end. (1 mark)
b. The last letter on the right side of the row is **D**. (1 mark)
c. The letter with B on one side and D on the other is **C**. (1 mark)
d. Just to the left of C is the letter **B**. (1 mark)

Answer to Question 2 (4 marks)

a. The first arrow points to the top of the page, so it shows **up**. (1 mark)
b. The second arrow points the same way as your right hand, so it shows **right**. (1 mark)
c. Climbing a ladder takes you higher, so you go **up**. (1 mark)
d. Left and right are opposites, so the opposite of left is **right**. (1 mark)

Answer to Question 3 (4 marks)

a. The arrow finishes pointing the opposite way from where it started, so the picture shows **a half turn**. (1 mark)
b. Going all the way round takes 4 quarter turns, so the answer is **4**. (1 mark)
c. Two quarter turns make **a half turn**, because two halves make the whole and 2 + 2 = 4 quarters. (1 mark)
d. A turn that brings you back to face the start is a **whole** turn. (1 mark)

Answer to Question 4 (4 marks)

a. Find column A and go to row 1: the square shows the letter **H** (home). (1 mark)
b. Find column E and go up to row 4: the square shows **S**. (1 mark)
c. From A1, 2 right takes you to C1, then 1 up takes you to **C2**. (1 mark)
d. Look at square C2 on the grid: it shows **T**. (1 mark)

Answer to Question 5 (4 marks)

a. The robot starts at 2 and moves 5 forwards: 3, 4, 5, 6, 7. It is at **7**. (1 mark)
b. Then it moves 3 backwards from 7: 6, 5, 4. It is at **4**. (1 mark)
c. It started at 2 and is now at 4. Count from 2 to 4: 3, 4. It is **2** steps from the start. (1 mark)

d. 4 is bigger than 2, and bigger numbers are further along, so the robot is to the **right** of the start. (1 mark)