

Class 4 · Logical Reasoning — Direction Sense

Total questions 25	Total marks 25	Time 60 minutes	Negative marking None
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Each question has four options, of which only one is correct. Mark your answer on the answer sheet. The Achievers Section carries higher marks per question. The answer key with full solutions is at the end of this paper.

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Direction Sense

25 questions · 1 mark each · 25 marks

Q1. Meera walks 8 m towards north, turns right and walks 3 m, then turns right again and walks 8 m. How far is Meera from the starting point, and in which direction?

- (A) 3 m, East (B) 11 m, North (C) 8 m, East (D) 3 m, West

Q2. Riya walks 5 m towards north, turns right and walks 4 m, then turns right again and walks 5 m. How far is Riya from the starting point, and in which direction?

- (A) 4 m, West (B) 9 m, North (C) 5 m, East (D) 4 m, East

Q3. Riya walks 4 m towards north, turns right and walks 7 m, then turns right again and walks 4 m. How far is Riya from the starting point, and in which direction?

- (A) 7 m, East (B) 4 m, East (C) 7 m, West (D) 11 m, North

Q4. Kabir walks 3 m towards north, turns right and walks 5 m, then turns right again and walks 3 m. How far is Kabir from the starting point, and in which direction?

- (A) 5 m, West (B) 3 m, East (C) 8 m, North (D) 5 m, East

Q5. Kabir walks 3 m towards north, turns right and walks 2 m, then turns right again and walks 3 m. How far is Kabir from the starting point, and in which direction?

- (A) 5 m, North (B) 3 m, East (C) 2 m, West (D) 2 m, East

Q6. Arjun walks 3 m towards north, turns right and walks 7 m, then turns right again and walks 3 m. How far is Arjun from the starting point, and in which direction?

- (A) 7 m, East (B) 10 m, North (C) 7 m, West (D) 3 m, East

Q7. Riya walks 9 m towards north, turns right and walks 8 m, then turns right again and walks 9 m. How far is Riya from the starting point, and in which direction?

- (A) 9 m, East (B) 8 m, West (C) 17 m, North (D) 8 m, East

Q8. Meera walks 6 m towards north, turns right and walks 5 m, then turns right again and walks 6 m. How far is Meera from the starting point, and in which direction?

- (A) 6 m, East (B) 5 m, West (C) 11 m, North (D) 5 m, East

Q9. Meera walks 5 m towards north, turns right and walks 6 m, then turns right again and walks 5 m. How far is Meera from the starting point, and in which direction?

- (A) 5 m, East (B) 6 m, East (C) 6 m, West (D) 11 m, North

Q10. Kabir walks 6 m towards north, turns right and walks 5 m, then turns right again and walks 6 m. How far is Kabir from the starting point, and in which direction?

- (A) 5 m, West (B) 6 m, East (C) 5 m, East (D) 11 m, North

Q11. Arjun walks 8 m towards north, turns right and walks 6 m, then turns right again and walks 8 m. How far is Arjun from the starting point, and in which direction?

- (A) 6 m, East (B) 8 m, East (C) 14 m, North (D) 6 m, West

Q12. Arjun walks 8 m towards north, turns right and walks 2 m, then turns right again and walks 8 m. How far is Arjun from the starting point, and in which direction?

- (A) 8 m, East (B) 10 m, North (C) 2 m, East (D) 2 m, West

Q13. Anita walks 7 m towards north, turns right and walks 5 m, then turns right again and walks 7 m. How far is Anita from the starting point, and in which direction?

- (A) 7 m, East (B) 5 m, West (C) 5 m, East (D) 12 m, North

Q14. Meera walks 9 m towards north, turns right and walks 8 m, then turns right again and walks 9 m. How far is Meera from the starting point, and in which direction?

- (A) 8 m, West (B) 9 m, East (C) 8 m, East (D) 17 m, North

Q15. Arjun walks 4 m towards north, turns right and walks 8 m, then turns right again and walks 4 m. How far is Arjun from the starting point, and in which direction?

- (A) 8 m, East (B) 12 m, North (C) 4 m, East (D) 8 m, West

Q16. Riya walks 4 m towards north, turns right and walks 5 m, then turns right again and walks 4 m. How far is Riya from the starting point, and in which direction?

- (A) 5 m, West (B) 5 m, East (C) 9 m, North (D) 4 m, East

Q17. Kabir walks 3 m towards north, turns right and walks 6 m, then turns right again and walks 3 m. How far is Kabir from the starting point, and in which direction?

- (A) 9 m, North (B) 6 m, West (C) 3 m, East (D) 6 m, East

Q18. Arjun walks 3 m towards north, turns right and walks 5 m, then turns right again and walks 3 m. How far is Arjun from the starting point, and in which direction?

- (A) 3 m, East (B) 5 m, West (C) 8 m, North (D) 5 m, East

Q19. Meera walks 8 m towards north, turns right and walks 6 m, then turns right again and walks 8 m. How far is Meera from the starting point, and in which direction?

- (A) 6 m, West (B) 8 m, East (C) 14 m, North (D) 6 m, East

Q20. Arjun walks 5 m towards north, turns right and walks 4 m, then turns right again and walks 5 m. How far is Arjun from the starting point, and in which direction?

- (A) 4 m, West (B) 9 m, North (C) 4 m, East (D) 5 m, East

Q21. Kabir walks 4 m towards north, turns right and walks 8 m, then turns right again and walks 4 m. How far is Kabir from the starting point, and in which direction?

- (A) 8 m, East (B) 4 m, East (C) 12 m, North (D) 8 m, West

Q22. Meera walks 8 m towards north, turns right and walks 4 m, then turns right again and walks 8 m. How far is Meera from the starting point, and in which direction?

- (A) 12 m, North (B) 8 m, East (C) 4 m, East (D) 4 m, West

Q23. Kabir walks 7 m towards north, turns right and walks 2 m, then turns right again and walks 7 m. How far is Kabir from the starting point, and in which direction?

- (A) 2 m, East (B) 7 m, East (C) 2 m, West (D) 9 m, North

Q24. Riya walks 8 m towards north, turns right and walks 6 m, then turns right again and walks 8 m. How far is Riya from the starting point, and in which direction?

- (A) 8 m, East (B) 6 m, West (C) 14 m, North (D) 6 m, East

Q25. Riya walks 8 m towards north, turns right and walks 3 m, then turns right again and walks 8 m. How far is Riya from the starting point, and in which direction?

- (A) 3 m, East (B) 11 m, North (C) 3 m, West (D) 8 m, East

Answer Key

1	2	3	4	5	6	7	8	9	10
A	D	A	D	D	A	D	D	B	C
11	12	13	14	15	16	17	18	19	20
A	C	C	C	A	B	D	D	D	C
21	22	23	24	25					
A	C	A	D	A					

Solutions

Q1. (A) The two 8 m walks (north, then south) cancel out, leaving only the 3 m walked towards the east. So the answer is 3 m, East.

Q2. (D) The two 5 m walks (north, then south) cancel out, leaving only the 4 m walked towards the east. So the answer is 4 m, East.

Q3. (A) The two 4 m walks (north, then south) cancel out, leaving only the 7 m walked towards the east. So the answer is 7 m, East.

Q4. (D) The two 3 m walks (north, then south) cancel out, leaving only the 5 m walked towards the east. So the answer is 5 m, East.

Q5. (D) The two 3 m walks (north, then south) cancel out, leaving only the 2 m walked towards the east. So the answer is 2 m, East.

Q6. (A) The two 3 m walks (north, then south) cancel out, leaving only the 7 m walked towards the east. So the answer is 7 m, East.

Q7. (D) The two 9 m walks (north, then south) cancel out, leaving only the 8 m walked towards the east. So the answer is 8 m, East.

Q8. (D) The two 6 m walks (north, then south) cancel out, leaving only the 5 m walked towards the east. So the answer is 5 m, East.

Q9. (B) The two 5 m walks (north, then south) cancel out, leaving only the 6 m walked towards the east. So the answer is 6 m, East.

Q10. (C) The two 6 m walks (north, then south) cancel out, leaving only the 5 m walked towards the east. So the answer is 5 m, East.

Q11. (A) The two 8 m walks (north, then south) cancel out, leaving only the 6 m walked towards the east. So the answer is 6 m, East.

Q12. (C) The two 8 m walks (north, then south) cancel out, leaving only the 2 m walked towards the east. So the answer is 2 m, East.

- Q13. (C) The two 7 m walks (north, then south) cancel out, leaving only the 5 m walked towards the east. So the answer is 5 m, East.
- Q14. (C) The two 9 m walks (north, then south) cancel out, leaving only the 8 m walked towards the east. So the answer is 8 m, East.
- Q15. (A) The two 4 m walks (north, then south) cancel out, leaving only the 8 m walked towards the east. So the answer is 8 m, East.
- Q16. (B) The two 4 m walks (north, then south) cancel out, leaving only the 5 m walked towards the east. So the answer is 5 m, East.
- Q17. (D) The two 3 m walks (north, then south) cancel out, leaving only the 6 m walked towards the east. So the answer is 6 m, East.
- Q18. (D) The two 3 m walks (north, then south) cancel out, leaving only the 5 m walked towards the east. So the answer is 5 m, East.
- Q19. (D) The two 8 m walks (north, then south) cancel out, leaving only the 6 m walked towards the east. So the answer is 6 m, East.
- Q20. (C) The two 5 m walks (north, then south) cancel out, leaving only the 4 m walked towards the east. So the answer is 4 m, East.
- Q21. (A) The two 4 m walks (north, then south) cancel out, leaving only the 8 m walked towards the east. So the answer is 8 m, East.
- Q22. (C) The two 8 m walks (north, then south) cancel out, leaving only the 4 m walked towards the east. So the answer is 4 m, East.
- Q23. (A) The two 7 m walks (north, then south) cancel out, leaving only the 2 m walked towards the east. So the answer is 2 m, East.
- Q24. (D) The two 8 m walks (north, then south) cancel out, leaving only the 6 m walked towards the east. So the answer is 6 m, East.
- Q25. (A) The two 8 m walks (north, then south) cancel out, leaving only the 3 m walked towards the east. So the answer is 3 m, East.

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