Sample Paper · Class 5

Questions	Marks each	Total marks	Time	Answers on
40	**2.5**	**100**	**1 hour**	**OMR sheet**

Instructions

1. This paper has **40 multiple-choice questions**. Each has four options, and only one is correct.
2. Each question carries **2.5 marks**. The paper is out of **100 marks**.
3. Time allowed: **1 hour**.
4. In the real exam, mark your answers on the **OMR sheet**. A practice OMR sheet is included before the answer key.
5. Score **70% or more** in Round 1 to qualify for Round 2 (national level).

Name _____ Class 5 Score _____ / 100

School _____

Questions

1. What comes next? 9, 16, 25, 36, 49, ___

(A) 64 **(B)** 66
(C) 56 **(D)** 63

2. What is the area of a triangle with base 10 cm and height 7 cm?

(A) 70 sq cm **(B)** 42 sq cm
(C) 17 sq cm **(D)** 35 sq cm

3. What is 40% of 120?

(A) 37 **(B)** 48
(C) 58 **(D)** 49

4. 3.87 + 4.5 = ?

(A) 8.47 **(B)** 7.37
(C) 9.38 **(D)** 8.37

5. What is 19,243 rounded to the nearest thousand?

(A) 29,000 **(B)** 19,000
(C) 19,200 **(D)** 20,000

6. What is the HCF of 24 and 60?

(A) 14 **(B)** 12
(C) 9 **(D)** 11

7. What is the average of 13, 47, 41, 52, 12?

(A) 34 **(B)** 33
(C) 36 **(D)** 32

8. What is the complement of an angle of 40°?

(A) 40° **(B)** 140°
(C) 60° **(D)** 50°

9. What is the LCM of 24 and 60?

(A) 120 **(B)** 1440
(C) 60 **(D)** 132

10. 1/2 + 1/3 = ?

(A) 1 **(B)** 2/5
(C) 1/6 **(D)** 5/6

11. 2.25 kg = ___ g

(A) 225 **(B)** 2350
(C) 22500 **(D)** 2250

12. Which fraction is the largest?

(A) 1/2 **(B)** 3/7
(C) 2/5 **(D)** 3/5

13. What is the supplement of an angle of 80°?

(A) 10° **(B)** 80°
(C) 100° **(D)** 110°

14. What is the volume of a cuboid 9 cm × 4 cm × 5 cm?

(A) 41 cubic cm **(B)** 202 cubic cm
(C) 180 cubic cm **(D)** 189 cubic cm

15. 7.36 + 2 = ?

(A) 9.36 **(B)** 8.36
(C) 10.37 **(D)** 9.46

16. What is the area of a triangle with base 8 cm and height 7 cm?

(A) 35 sq cm **(B)** 15 sq cm
(C) 56 sq cm **(D)** 28 sq cm

17. 2.5 kg = ___ g

(A) 2600 **(B)** 25000
(C) 2500 **(D)** 250

18. What is the HCF of 24 and 48?

(A) 21 **(B)** 26
(C) 24 **(D)** 25

19. What is the volume of a cuboid 8 cm × 6 cm × 3 cm?

(A) 51 cubic cm **(B)** 180 cubic cm
(C) 152 cubic cm **(D)** 144 cubic cm

20. What is the LCM of 24 and 48?

(A) 60 **(B)** 24
(C) 48 **(D)** 1152

21. What is the supplement of an angle of 75°?

(A) 115° **(B)** 105°
(C) 75° **(D)** 15°

22. What is 78,699 rounded to the nearest thousand?

(A) 78,600 **(B)** 78,000
(C) 89,000 **(D)** 79,000

23. 1/5 + 1/10 = ?

(A) 1/50 **(B)** 3/10
(C) 2/15 **(D)** 8/25

24. What is the average of 35, 58, 55, 34, 13?

(A) 43 **(B)** 42
(C) 39 **(D)** 35

25. What is the complement of an angle of 35°?

(A) 35° **(B)** 65°
(C) 145° **(D)** 55°

26. What is 50% of 480?

(A) 240 **(B)** 230
(C) 236 **(D)** 229

27. What is the HCF of 8 and 28?

(A) 1 **(B)** 2
(C) 4 **(D)** 5

28. What is the volume of a cuboid 9 cm × 2 cm × 4 cm?

(A) 81 cubic cm **(B)** 72 cubic cm
(C) 124 cubic cm **(D)** 22 cubic cm

29. What is the supplement of an angle of 74°?

(A) 74° **(B)** 106°
(C) 16° **(D)** 116°

30. What comes next? 0, 1, 4, 9, 16, ___

(A) 27 **(B)** 20
(C) 25 **(D)** 24

31. What is the LCM of 8 and 28?

(A) 56 **(B)** 224
(C) 60 **(D)** 28

32. What is the average of 33, 50, 42, 30, 5?

(A) 28 **(B)** 35
(C) 29 **(D)** 32

33. What is 41,351 rounded to the nearest thousand?

(A) 51,000 **(B)** 41,000
(C) 42,000 **(D)** 41,300

34. What is the area of a triangle with base 14 cm and height 11 cm?

(A) 154 sq cm **(B)** 88 sq cm
(C) 77 sq cm **(D)** 25 sq cm

35. What is the complement of an angle of 34°?

(A) 34° **(B)** 56°
(C) 66° **(D)** 146°

36. What is 75% of 360?

(A) 270 **(B)** 277
(C) 274 **(D)** 267

37. 9.03 + 4.9 = ?

(A) 12.93 **(B)** 14.94
(C) 14.03 **(D)** 13.93

38. What is the average of 36, 60, 30, 24, 5?

(A) 30 **(B)** 31
(C) 34 **(D)** 32

39. What is the HCF of 12 and 16?

(A) 5 **(B)** 4
(C) 6 **(D)** 3

40. What is the volume of a cuboid 4 cm × 6 cm × 2 cm?

(A) 88 cubic cm **(B)** 48 cubic cm
(C) 26 cubic cm **(D)** 52 cubic cm

Practice OMR sheet

Fill one circle for each question, using a dark pen. Practising this now saves time in the real exam.

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

21	○ A	○ B	○ C	○ D
22	○ A	○ B	○ C	○ D
23	○ A	○ B	○ C	○ D
24	○ A	○ B	○ C	○ D
25	○ A	○ B	○ C	○ D
26	○ A	○ B	○ C	○ D
27	○ A	○ B	○ C	○ D
28	○ A	○ B	○ C	○ D
29	○ A	○ B	○ C	○ D
30	○ A	○ B	○ C	○ D
31	○ A	○ B	○ C	○ D
32	○ A	○ B	○ C	○ D
33	○ A	○ B	○ C	○ D
34	○ A	○ B	○ C	○ D
35	○ A	○ B	○ C	○ D
36	○ A	○ B	○ C	○ D
37	○ A	○ B	○ C	○ D
38	○ A	○ B	○ C	○ D
39	○ A	○ B	○ C	○ D
40	○ A	○ B	○ C	○ D

Answer key

Check your answers. Your score = number of correct answers × 2.5 marks.

1	2	3	4	5	6	7	8	9	10
A	**D**	**B**	**D**	**B**	**B**	**B**	**D**	**A**	**D**
11	12	13	14	15	16	17	18	19	20
D	**D**	**C**	**C**	**A**	**D**	**C**	**C**	**D**	**C**
21	22	23	24	25	26	27	28	29	30
B	**D**	**B**	**C**	**D**	**A**	**C**	**B**	**B**	**C**
31	32	33	34	35	36	37	38	39	40
A	**D**	**B**	**C**	**B**	**A**	**D**	**B**	**B**	**B**

Want more practice? Registered students also get mock tests, and free weekend quizzes are open to everyone at mathsolympiad.net/wc.