



PRACTICE TEST · CLASSES 1 AND 2

Maths Olympiad Practice Test for Classes 1 and 2

Twenty questions in the four sections of the SOF IMO paper for young children: logical reasoning, mathematical reasoning, everyday maths and the achievers section. Take it here and check the answers, or print it for the table.

Maths Olympiad

Primary

01 Before you start**Time** – 30 minutes, with a clock in view**Marks** – 1 mark for each question in Sections 1 to 3 and 2 marks in the Achievers section: 23 marks in all**Wrong answers** – no marks are taken off, so answer every question**The real paper** – the SOF IMO for Classes 1 to 4 has 35 questions for 40 marks in 60 minutes**02 Logical reasoning**

1 mark each

- 1 What comes next? 2, 4, 6, 8, ____
(A) 9 (B) 12 (C) 10 (D) 11
- 2 Which one is the odd one out?
(A) Apple (B) Carrot (C) Mango (D) Banana
- 3 Riya is taller than Aman. Aman is taller than Sara. Who is the shortest?
(A) Sara (B) Aman
(C) Riya (D) We cannot tell
- 4 What comes next? ○ △ □ ○ △ □ ○ △ ____
(A) ○ (B) △ (C) ☆ (D) □
- 5 Today is Monday. What day will it be after 2 days?
(A) Tuesday (B) Wednesday
(C) Thursday (D) Sunday

03 Mathematical reasoning

1 mark each

- 6 $15 + 7 =$ ____
(A) 21 (B) 23 (C) 12 (D) 22
- 7 Which number is the greatest?
(A) 89 (B) 79 (C) 98 (D) 97

- 8 How many tens are there in 60?
(A) 6 (B) 60 (C) 10 (D) 16
- 9 Find the missing number: $9 - \underline{\quad} = 4$
(A) 4 (B) 5 (C) 13 (D) 3
- 10 Which number comes between 46 and 48?
(A) 45 (B) 49 (C) 47 (D) 44
- 11 How many corners does a triangle have?
(A) 3 (B) 4 (C) 2 (D) 5

04 Everyday mathematics

1 mark each

- 12 Meena has 3 bags with 5 marbles in each bag. How many marbles does she have in all?
(A) 8 (B) 10 (C) 35 (D) 15
- 13 One pencil costs ₹5. How much do 4 pencils cost?
(A) ₹9 (B) ₹20 (C) ₹15 (D) ₹25
- 14 Which ribbon is the longest?
(A) 1 metre (B) 90 centimetres
(C) 2 metres (D) 50 centimetres
- 15 School starts at 8 o'clock. Lunch is 3 hours later. When is lunch?
(A) 11 o'clock (B) 10 o'clock
(C) 12 o'clock (D) 5 o'clock
- 16 Ravi had 20 stickers and gave 8 to his sister. How many does he have left?
(A) 28 (B) 12 (C) 10 (D) 18
- 17 How many days are there in a week?
(A) 5 (B) 6 (C) 10 (D) 7

- 18 I am a number. If you add 10 to me, you get 25. What number am I?

(A) 35 (B) 5 (C) 15 (D) 10

- 19 There are 4 cars and 3 bicycles in a car park. How many wheels are there in all?

(A) 22 (B) 7 (C) 14 (D) 19

- 20 Tom is 7th in a line from the front. There are 3 children behind him. How many children are in the line?

(A) 11 (B) 9 (C) 4 (D) 10

Answers and explanations

- 1 **C** The numbers go up by 2 each time: $8 + 2 = 10$.
- 2 **B** A carrot is a vegetable. Apples, mangoes and bananas are fruits.
- 3 **A** Riya is taller than Aman, and Aman is taller than Sara, so Sara is the shortest.
- 4 **D** The three shapes repeat in the same order: circle, triangle, square.
- 5 **B** One day after Monday is Tuesday; two days after is Wednesday.
- 6 **D** $15 + 5 = 20$, and 2 more makes 22.
- 7 **C** 98 has the most tens (9 tens) and more ones than 97.
- 8 **A** $60 = 6$ tens.
- 9 **B** $9 - 5 = 4$. Check: $4 + 5 = 9$.
- 10 **C** Counting on: 46, 47, 48.
- 11 **A** A triangle has 3 sides and 3 corners.
- 12 **D** $5 + 5 + 5 = 15$ (or $3 \times 5 = 15$).
- 13 **B** $₹5 + ₹5 + ₹5 + ₹5 = ₹20$.
- 14 **C** 1 metre is 100 centimetres, so 2 metres (200 centimetres) is the longest.
- 15 **A** Count on 3 hours from 8: 9, 10, 11.
- 16 **B** $20 - 8 = 12$.
- 17 **D** Monday to Sunday: 7 days.
- 18 **C** $25 - 10 = 15$. Check: $15 + 10 = 25$.
- 19 **A** Cars: $4 \times 4 = 16$ wheels. Bicycles: $3 \times 2 = 6$ wheels. $16 + 6 = 22$.
- 20 **D** 7 children up to and including Tom, and 3 behind him: $7 + 3 = 10$.

How to use this test

- 1 Read each question twice before choosing an answer.
- 2 Draw or count on your fingers for the word problems.
- 3 Practise one section a day, then take the whole test with a clock.

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