

9th iOM'16

International Olympiad of Mathematics



Organized by :

Mathematics Olympiad Foundation

New Delhi, India

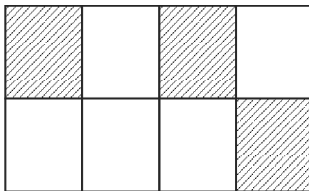
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CLASS : 3 (SYLLABUS & SAMPLE QUESTIONS)

Number System, Addition, Subtraction, Multiplication, Division, Fractions, Time and Calendar, Money, Unitary method, Measurement, Pictograph, Lines, Angles and Triangles, Data handling, Knowing Patterns, Applied Mathematics, Mental Aptitude

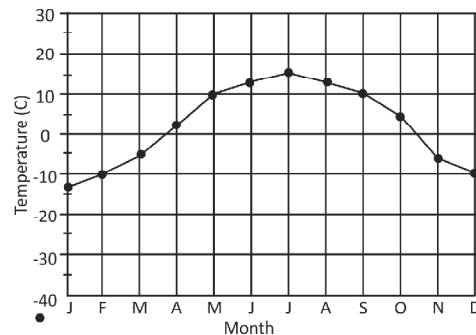
The Actual Question Paper Contains 50 Questions. The Duration of the Test Paper is 60 Minutes.

- A, B C and D are four points on a line Distance between A and C is 20 metres and distance between B and D is 20 metres. If the distance between B and C is 8 metres. Find the distance between A and D?
(A) 30 m (B) 40 m
(C) 32 m (D) 28 m
(E) None of these
- If $x = 1$ and $y = 2$, then find the value of $2x + 3y$.
(A) 7 (B) 5
(C) 8 (D) 6
(E) None of these
- From the given options, find the shaded parts of figure given below.



- $\frac{3}{8}$ (B) $\frac{5}{9}$
- $\frac{7}{8}$ (D) $\frac{4}{9}$
- None of these

- The following graph shows the monthly temperature of a place. Which one of the following options represents the difference between temperature in July and December?



- 25°C (B) 15°C
- 35°C (D) 10°C
- None of these

- In the year of 2007, 2000 students appeared in a competitive examination and this information was published by a newspaper as given below:

Year	Appeared students
2006	1890
2007	2000
2008	1980

What is the difference between the total number of appeared students in the year of 2007 and 2006?

- (A) 189 (B) 200
(C) 120 (D) 110
(E) None of these

6. Robert has a wonderful machine. If you put any number in that machine, it first multiply the number by 4 then subtract 8 from the result and finally add 6. Steve puts 15 into the machine, what will be the result?

- (A) 58 (B) 60
(C) 62 (D) 56
(E) None of these




7. Difference between the face and place value of 6 in the number 567423 is:

- (A) 53994 (B) 59996
(C) 59994 (D) 54994
(E) None of these

8. The maximum time for the maths test paper is 45 minutes. If the test starts at 10:55 am, then at what time does it end?

- (A) 9 : 40 a.m. (B) 11 : 50 a.m.
(C) 11 : 40 a.m. (D) 11 : 55 a.m.
(E) None of these

9. A fruit seller mentioned the following information in front of his shop, How much money does Peter required for 100 pieces of oranges?

Rate List		
Scale - One Fruit = 12 pices		
Apple		=for ₹ 150
Banana		=for ₹ 130
Orange		=for ₹ 60

- (A) ₹ 500 (B) ₹ 600
(C) ₹ 700 (D) ₹ 800
(E) None of these

10. Seh wag hits 13 fours and 7 sixes. If he scored 101 runs, how many runs did he score by running between the wickets?

- (A) 6 (B) 17
(C) 7 (D) 13
(E) None of these



ANSWERS

1. (C) 2. (C) 3. (A) 4. (A) 5. (D) 6. (A) 7. (C) 8. (C) 9. (A) 10. (C)