

# 10<sup>th</sup> iOM'17

## International Olympiad of Mathematics



Presented by:  
**SILVER ZONE**  
FOUNDATION  
NEW DELHI - INDIA

Organized by:  
**Mathematics Olympiad Foundation**  
New Delhi, India

For supremacy in Mathematics  
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### CLASS : 3 (SYLLABUS & SAMPLE QUESTIONS)

Number Sense & Numeration, Addition, Subtraction, Multiplication, Division, Fractions, Time and Calendar, Money, Unitary method, Measurement, Pictograph, Lines, Angles and Triangles, Data Handling, Reasoning & Aptitude.

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

1. 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

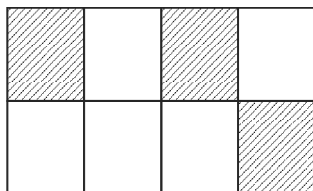
2. What number does  stand for?

If  +  = 786

and  +  = 600

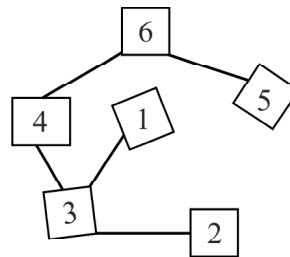
(A) 186                      (B) 972  
(C) 386                      (D) 486  
(E) None of these

3. From the given options, find the shaded parts of figure given below.



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

4. In the following figure, Ankita multiplies the smallest and greatest number and then add the remaining numbers to the product. Find the result.



- (A) 25  
(B) 18  
(C) 20  
(D) 28  
(E) None of these

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