



# International Olympiad of Mathematics



Presented by:  
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## CLASS : 4 (SYLLABUS & SAMPLE QUESTIONS)

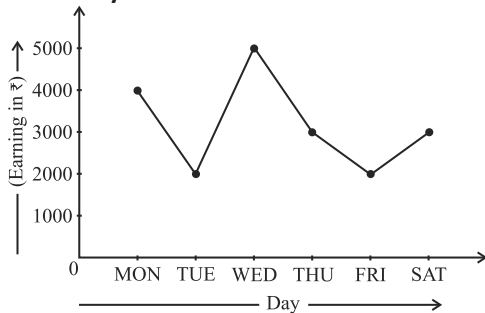
*The Actual Question Paper Contains 30 Questions. The Duration of the Test Paper is 40 Minutes.*

1. Which pair of numbers best completes the mathematical statement given below?

$$13 + \square - 7 = \bigcirc$$

- (A)  $\square$  8 and  $\bigcirc$  13      (B)  $\square$  8 and  $\bigcirc$  14  
(C)  $\square$  9 and  $\bigcirc$  18      (D)  $\square$  9 and  $\bigcirc$  14

2. The given line graph represents daily earning of a store for six days.



On which day, the earning was equal to the total earnings of Tuesday and Thursday?

- (A) Monday      (B) Wednesday  
(C) Friday      (D) Saturday

3. The missing digit in the given multiplication is:

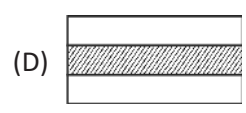
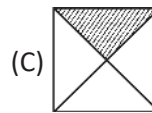
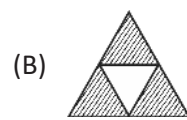
$$\begin{array}{r} 1 \square 73 \\ \times 6 \\ \hline 8838 \end{array}$$

- (A) 8      (B) 4  
(C) 2      (D) 6

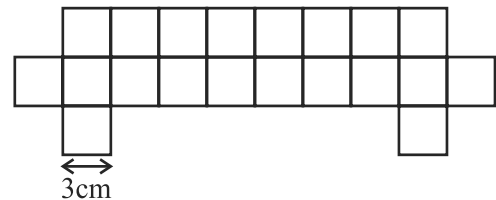
4. Roman numerals XL is same as:

- (A)  $100 + 40$       (B)  $60 - 10$   
(C)  $100 - 40$       (D)  $100 - 60$

5. In which one of the following figures, the fraction represented by the shaded parts is equal to  $\frac{1}{3}$ ?



6. What is the perimeter of the given figure?



- (A) 74 cm      (B) 86 cm  
(C) 84 cm      (D) 92 cm

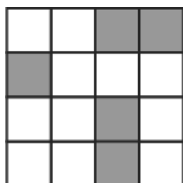
7. If the cost of 9 metres long electric wire is ₹40.50, then the cost of 5 metres long such wire will be:

- (A) ₹ 22.50      (B) ₹ 32.50  
(C) ₹ 18.50      (D) ₹ 20.50

8. If two angles of a triangle are  $42^\circ$  and  $47^\circ$ , then the triangle is a/an:

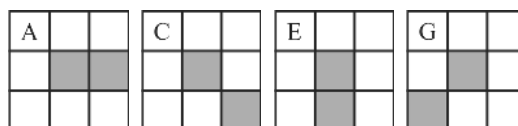
- (A) acute-angled triangle.  
(B) obtuse-angled triangle.  
(C) right-angled triangle.  
(D) isosceles triangle.

9. Minimum how many more unit squares must be shaded so that the given figure has at least one line of symmetry?



- (A) 0  
(B) 1  
(C) 2  
(D) 3

10. What comes next in the given figure pattern?



- (A) (B)   
 (C) (D)   
 (E) (F)   
 (G) (H)   
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