

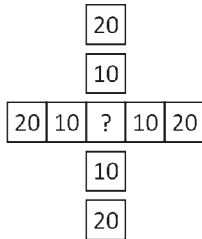


Global Math Olympiad

CLASS : 4 (SYLLABUS & SAMPLE QUESTIONS)

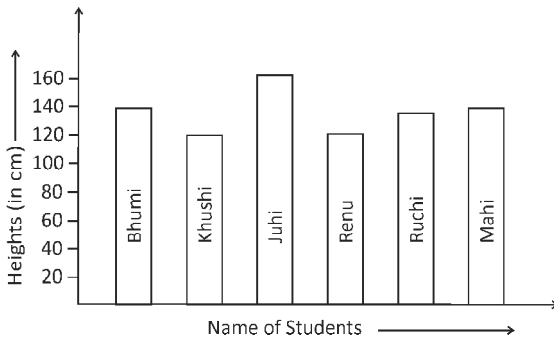
Number System, Operation on Numbers, Roman Numerals, Factors and Multiples, Fraction, Decimals, Money, Unitary Method, Geometrical Concepts, Area and Perimeter of Geometrical Figures, Graphical Representation of Data, Number Series, Applied Mathematics.

1. What is the missing number at the centre of square?



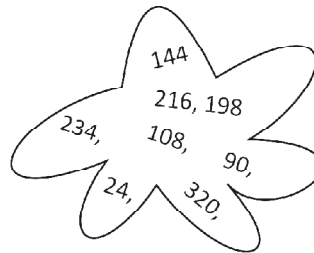
- (A) 20 (B) 10
 (C) 30 (D) 40
 (E) None of these

2. The following bar graph shows the height of 6 girls in a class. In a sporting event only those girls can participate who have height of 138 cm. Find how much height the shortest girl given in the graph needs to increase to participate in the competition?



- (A) 20 cm (B) 18 cm
 (C) 16 cm (D) 14 cm
 (E) None of these

3. Select the number from the given figure which is not divisible by 3 and find what least number should be added to the number such that it becomes divisible by 7?



- (A) 0 (B) 1
 (C) 2 (D) 7
 (E) None of these

4. A is greater than B, B is less than C, C is less than D, D is greater than E, E is equal to A . Then choose the correct option

- (A) C is the smallest among A,B,C,D and E
 (B) C is less than A
 (C) E is less than B
 (D) D is greatest among A,B,C,D, and E
 (E) None of these



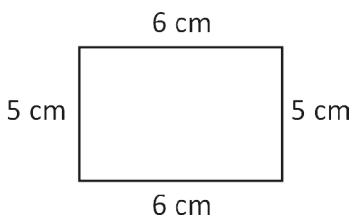
6. X is a number. X tells i am both factor and multiple of myself. Which one of the following is X?

- (A) 1
- (B) 5
- (C) 7
- (D) All of these
- (E) None of these

7. The desks in a classroom are arranged in straight rows. John is in the third row from the front and the fourth row from the back. He is also third from the left end of a row and fifth from the right. How many desks are in the classroom?

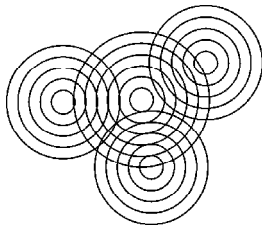
- (A) 24
- (B) 30
- (C) 35
- (D) 42
- (E) 56

8. The sides of the following figure are given. What would be the sum of perimetres of two such figure?



- (A) 44 cm
- (B) 22 cm
- (C) 24 cm
- (D) 36 cm
- (E) None of these

9. How many circles are there in the following figure?



- (A) 20
- (B) 21
- (C) 22
- (D) 23
- (E) None of these

10. Solve the following question and write the result in Roman Numerals: $55 \div 11 \times 17 - 78 + 32$

- (A) XXX
- (B) XXVII
- (C) XXXVIII
- (D) XXXIX
- (E) None of these

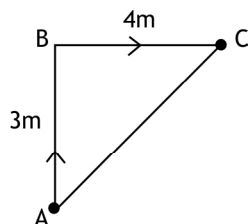
11. ($2^3 = 2 \times 2 \times 2$ and $2^5 = 2 \times 2 \times 2 \times 2 \times 2$) If $2^x + 3^y = 41$, where x and y are natural numbers, then the value of x + y is

- (A) 9
- (B) 8
- (C) 7
- (D) 6
- (E) 5

12. James bought a car for \$3575 and spend \$324 on its accessories. Finally he sold the car for certain amount. If his profit is \$ 70 more than twice of \$ 100. Find the selling price.

- (A) \$4279
- (B) \$4179
- (C) \$4379
- (D) \$4169
- (E) None of these

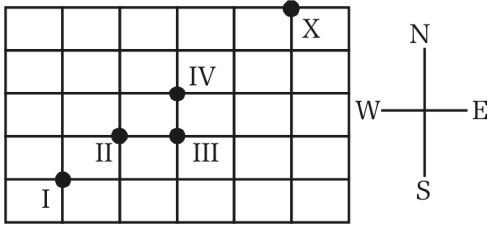
13. Radha covers 3 m north and turn right then she covers 4 m distance. What is the distance between initial and final point. To help with this figure



- (A) 5 m
- (B) 6 m
- (C) 7 m
- (D) 8 m
- (E) None of these



14. In the grid below, I took 2 steps east, 2 steps north, one step east and one step north and reached X. Where did I start?



- (A) I (B) II
 (C) III (D) IV
 (E) None of these

15. Munna saw the board at the Chennai airport when he went there with his father one evening.

TUE 4 NOV	
New York	07:47
London	12:47
Tokyo	07:47
Sydney	22:47
THE TIME AROUND THE WORLD	

At that time a clock in the Chennai airport was showing the time as below.



What is the time difference between Chennai and London based on this?

- (A) Chennai is 6 hours 30 minutes ahead of London
 (B) Chennai is 5 hours 30 minutes ahead of London
 (C) Chennai is 6 hours 30 minutes behind of London
 (D) Chennai is 5 hours 30 minutes behind of London
 (E) None of these

ANSWERS															
1.	(C)	2.	(B)	3.	(C)	4.	(D)	5.	(C)	6.	(A)	7.	(D)	8.	(A)
9.	(B)	10.	(D)	11.	(C)	12.	(D)	13.	(A)	14.	(B)	15.	(B)		