

Grade 4, IMO Level 1 Demo Test



3. In which of the following options , the given figure P is completely embedded ?



4. There is certain relationship between figure I and figure II. If same relationship holds between figure III and figure IV, which of the following figures represents figure IV ?





5. Write the number of axis of symmetry for each of the following figures in the order of sequence of figures.



6. What will be the next figure in the following sequence ?



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7. If ADD is called as DIVIDE, DIVIDE is called as MULTIPLY and MULTIPLY is called as SUBTRACT, what will be value of 20 MULTIPLY 4 ?						
A . 5	B . 80	C .	16	D . 24		
8. Which of the following words will come last in the sequence of dictionary ?						
A. BOTTLE	B . BOATING		C. BOTTOM	D. BOAST		
9. Which of the follow	wing figures is different from t	he set ?				
$\nabla \land 2 $						
	а	b	с	d		
A . a	B . b		C . c	D . d		
10. If today is Saturd	lay with date 3rd June. What v	will be the day	on 15th June?			
A . Thursday	B . Friday		C . Saturday	D . Sunday		
Maths						

11. Tina, Sam and Riya observed a 3 digit number and made following statements. Which number are they talking about?



13. The place value of 7 in 78996 is added to face value of 5 in 23450. The resulting number is _____ less than 75000.

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A . 67995	B . 4995	C .	4950	D . 68995	
14. A number	r is two less than largest 4 digi	t number. What is the pro	duct of the numbe	r with the smallest 3 digit nu	mber?
A . 999900	B . 999700	C .	1000100	D . 10099	
15. Which of	the following is a valid roman	number?			
A. CDXXD	B. CDXIX	C . MCN	4XIVX	D. MCCM	
16. Amit is ha friends decide Amit, Sumit a	aving 18 more chocolates than e to share the chocolates. Wha nd Ravi equally?	Ravi. Sumit is having 14 t is the number of chocola	chocolates less tha ates left after divid	an Ravi. Ravi is having 27 cho ing the total number of chocc	colates. Three plates among
A . 0	B . 1 C . 2	D . Can't be determine	2d		
17. Which of A) All multiple B) Count of cc C) Count of cc D) Smallest fa	the following statements is con es of 3 are completely divisible ommom multiples between 2 r ommon multiples between prir actor of a number is the number	rrect? by 9. umbers is infinite. ne numbers is only 1. er itself.			
A . A	B . B	C .	с	D . D	
18. Ravi : 1, 3 Sonu : 9 is the Sheena : 18 a Who is arguin	3 and 9 are the common factor e H.C.F. of 18 and 27. and 27 are the multiples of 9, 3 a incorrectly?	s of 18 and 27. and 6.			
A . Ravi	B. Sonu	C . Sheena	D . All a	re correct	
19. Which of	the following is representing 1	/3?	C		
A . A	B . B	C .	С	D . D	
20. Given figu	ure is made up of identical squ	ares of 6 cm sides. What	is the perimeter of	the figure?	
A . 90 cm	B . 96 cm	C .	102 cm	D . 96 m	

21. What fraction is represented by unshaded portion?

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24. Riya was painting a scene of a forest. She completed the painting at 1 PM. It took her 1 hour and 45 minutes to complete the painting. When did she start the painting?

A. 27

A. 3

25. Soniya bought 2 packets of rice weighing 2 Kg 300 gms each, 1 packet of toor daal weighing 1 Kg and 7 packets of sugar weighing 500 gms each. What is total weight of the things she bought?

A . 9 Kg 100 gms	B . 8 Kg 800 gms	C . 8 Kg 500 gms	D . 8 Kg 100 gms	
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26. Deepti is 5 years older than her sister Priya. Priya is 28 years younger than their mother. What is the age of Deepti if the age of their mother is 35?

A. 7 years	B . 5 years	C . 12 years	D . 2 years	
27. What is the perimt	er of the figure?			
		8 cm 4 cm 4 cm		
A . 32 cm	B . 40 cm	C . 28 cm	D . 36 cm	

28. Tina gets Rs 15 as her pocket money daily. She spends Rs 7 and saves the rest. She received Rs 20 from her grandmother as .her birthday gift. She wants to buy a Doll pricing Rs 100. How many days will it take her to buy the doll?

A. 12 B. 13 C. 11 D. 10

29. If all small squares are identical then find the odd one out in terms of perimeter?

	А	в	С	D		
A . A	B . B		C . C	D . D		
30. Which A) 2/5 B) 3/6 C) 4/9 D) 3/7	of the following is the greatest?	?				
A . A	B . B		C . C	D . D		
Achievers Section						
31. Shyam bought 5 Kg apples at a price of Rs. 75 per Kg and 2 Kg tomatoes He gave a Rs 500 note to the shopkeeper. Shopkeeper returned Rs 25. What is the price of 1 Kg Tomatoes?						

A . Rs 50	B . Rs 100	C . Rs 25	D . Rs 375

32. What fraction of the figure is shaded?

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A . 17/50	B . 15/25	C . 15/50	D . 19/50

33. Sohan has 283 candies. He wants to distribute them equally among his 7 friends. What is the minimum number of candies does he need to make sure that all his friends are getting equal candies and no candies are left?

A . 3	B . 4	C . 40	D . 7

34. Ritu has a jar of 5 litre juice. She poured juice in 5 cups of equal capacity and left with 500 ml juice in the jar. What is the capacity of each cup?

A . 700 ml	B . 900 litres	C . 850 ml	D . 900 ml

35. HCF of 2 numbers X and Y is 3 and LCM of 2 numbers is 18. Which of the following could be X and Y?

A . $X = 8$ and $Y = 3$	B . $X = 4$ and $Y = 6$	C . X = 6 and Y = 9	D . X = 12 and Y = 3