

International Markhor Junior Contest 2023

LEARNER LEVEL (CLASS III & IV)

MATHEMATICS

Time Allowed 60 Minutes

There are 19 problems, graded as follows:

Questions 1-5 are 1 point each,

Questions 6-10 are 2 points each,

Questions 11-15 are 3 points each,

Questions 16-19 are 5 points each.

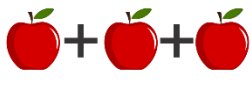
- 1. Fahad set an alarm on his phone at 08:00 but he did not wake up. After that, his alarm repeated after every 30 minutes. How many times had the alarm rung when it 10:00?**
 - a) 6
 - b) 4
 - c) 5
 - d) 10
- 2. There are 20 students in a class. Each decided to donate some money. Everybody donated either rupees 5 or 10. Which of the following cannot be the total of the donation?**
 - a) 190
 - b) 200
 - c) 150
 - d) 90

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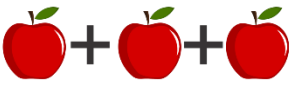
3. What number will be in the pink box?

$$8+6=\square \rightarrow +8+3=\square \rightarrow -5-2=\square$$

- a) 10
- b) 14
- c) 18
- d) 25

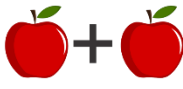
4.  +  = 

Which one is true?

a)  = 

b)  = 

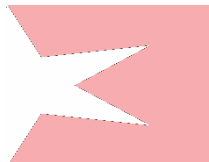
c)  = 

d)  = 

5. A chocolate pack contains 25 chocolates, a toffy pack contains 10 toffies and a candy pack contains 5 candies. Taha buys a total of 70 items. What is the smallest possible number of packs if he has all the items?

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- a) 8
 - b) 10
 - c) 6
 - d) 5
6. **Ahmed had 15 chocolates. He eats one chocolate every day. On Monday he has his last chocolate. When did he start eating chocolates?**
- a) Wednesday
 - b) Friday
 - c) Monday
 - d) Sunday
7. **Raiha folds the paper and cuts it. What will she see when she unfolds the paper?**



- a)
- b)
- c)
- d)

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- 8. There are 12 bags each containing a different number of chocolates from 1-12. In the classroom, 4 students each select 3 bags. Ahmed got 15 chocolates, Farhan got 26 chocolates, and Tahir got 24 chocolates, how many chocolates did Rehan get?**
- a) 15
 - b) 16
 - c) 13
 - d) 23
- 9. Asad rolled a dice 5 times and got a total of 29. How many times did he get 6?**
- a) 4
 - b) 5
 - c) 3
 - d) 6
- 10. There are 13 boys and 20 girls in the classroom. Every month 3 boys and 2 girls get admission to class. How many months will it take to become an equal number of girls and an equal number of boys?**
- a) 5
 - b) 9
 - c) 7
 - d) 6
- 11. Asad is dividing the chocolate among his class fellows. He removes the first layer horizontally of 6 pieces and gives it to Saad**

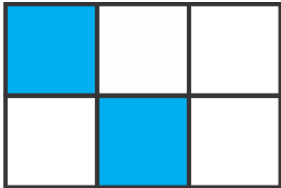
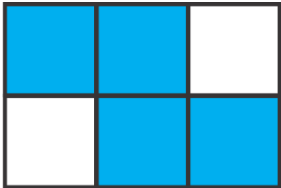
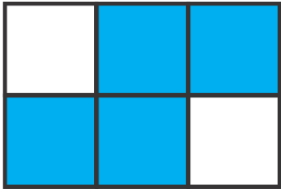
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and then he removes a layer vertical of 9 pieces and gives it to Usman. How many pieces does chocolate have before?

- a) 54
- b) 60
- c) 81
- d) 36

12. Huma wants to color the grid where the result is an odd number. Which one is correct?

13×3	12×9	14×6
16×8	15×7	17×6

- a) 
- c) 
- b) 
- d) 

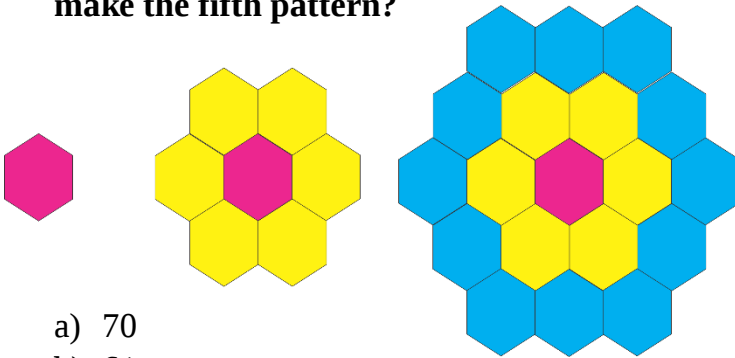
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- 13. Ahmed is playing a quiz. The quiz rule is every participant has 20 marks at the beginning and 10 questions will be asked. For a correct answer, 2 points will be added and for a wrong answer, 2 points will be subtracted. If Ahmed has 12 points at the end how many wrong answers did he give?**
- a) 6
 - b) 12
 - c) 7
 - d) 8
- 14. Hania invited her classmates on her birthday. She cut 3 cakes into 4 equal slices. Then she cut each slice into 6 equal parts. Everybody ate 2 slices but Hania took only one. 11 slices were left over. How many classmates were invited?**
- a) 15
 - b) 26
 - c) 30
 - d) 60
- 15. There are 13 girls and 31 boys in the playground. One boy and one girl left. Now the game teacher wants to make teams of 6 students in each team. How many teams will be there?**

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- a) 8
- b) 6
- c) 7
- d) 5

16. Tania is drawing the pattern with hexagon blocks. How many blocks will she need to make the fifth pattern?



- a) 70
- b) 61
- c) 81
- d) 41

17. There were 10 pieces of paper. Some of them were cut into 4 pieces. Now there are 25 pieces. How many pieces of paper were not cut?

- a) 6
- b) 5
- c) 7
- d) 4

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18. In a family, each child said that I have at least one brother and one sister. What is the smallest possible number of children?

- a) 2
- b) 3
- c) 4
- d) 5

19. Wahaj has 6 boxes. In each box, he puts at least five coins and at most ten coins. Each box contains a different number of coins. How many coins does he have?

- a) 45
- b) 81
- c) 40
- d) 60