

Markhor Junior Contest 2024

Beginner Level (Class I & II)

Mathematics Time Allowed 60 Minutes

There are 19 problems, graded as follows:

Questions 1-5 are 1 point each,

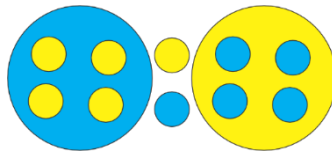
Questions 6-10 are 2 points each,

Questions 11-15 are 3 points each,

Questions 16-19 are 5 points each.

1. Count the number of circles in the picture.

- a) 8
- b) 10
- c) 12
- d) 15



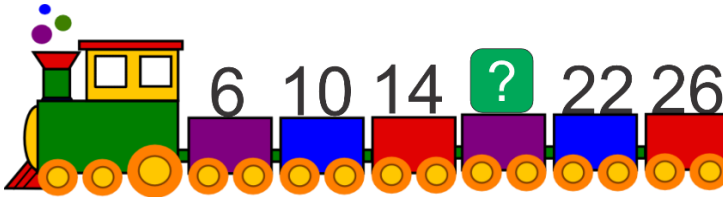
2. What is the total of the numbers written on the four balls?



- a) 15
- b) 25
- c) 28
- d) 30

Markhor Junior Contest 2024

3. What is the hidden number behind the green box?



- a) 20
b) 16
c) 18
d) 15
4. Sara had 10 toffies and ate some. How many toffies did she eat, considering some are left (as shown)?



- a) 4
b) 5
c) 6
d) 7
5. In a classroom, there are 18 students. 9 students are girls. How many boys are there in the classroom?
- a) 8
b) 9
c) 10
d) 18

Markhor Junior Contest 2024

6. How many numbers are between 90 and 99?

- a) 8
- b) 9
- c) 10
- d) 11

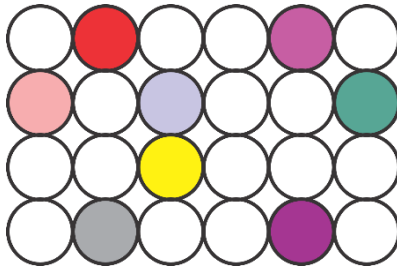
90-99

7. Sarah has 35 pencils. She gives 12 pencils to her friend and then buys 8 more pencils. How many pencils does Sarah have now?

- a) 39
- b) 55
- c) 23
- d) 31

8. There are circles in the picture. Ava colored some circles in the picture. How many more circles should she color to reach half?

- a) 4
- b) 5
- c) 6
- d) 12



Markhor Junior Contest 2024

9. The sum of four mysterious numbers equals 26. Two are revealed to be 12 and 4. Can you uncover the value of the two identical hidden numbers?

- a) 10
- b) 5
- c) 12
- d) 13

$$\text{Yellow Circle} + \text{4} + \text{Yellow Circle} + \text{12} = 26$$

10. There are 5 red apples in a basket. If Sarah picks 2 more, how many apples will be in the basket altogether?

- a) 5
- b) 3
- c) 7
- d) 10



11. There are 4 fluffy bunnies hopping in the field. If 2 more bunnies join them, how many bunnies are hopping in total?

- a) 8
- b) 6
- c) 4
- d) 10



Markhor Junior Contest 2024

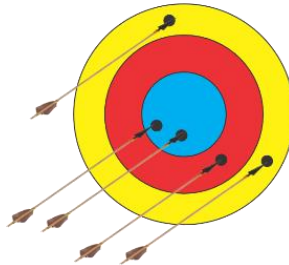
12. At a pizza party, some slices of pizza were available. Fahd ate 2 slices, Sherry had 1 slice, and John enjoyed 1 slice. After everyone had a bite, only 2 slices were left. Can you solve the mystery and figure out how many slices were there originally?

- a) 8
- b) 4
- c) 6
- d) 2



13. Hamza is an archer aiming for a target with three colored areas: yellow, red, and blue. Hitting the yellow earns 10 points, red earns 20 points, and the bullseye (blue) is worth a whopping 50 points! Based on the target image, can you figure out how many points Hamza scored?

- a) 100
- b) 130
- c) 140
- d) 160



Markhor Junior Contest 2024

14. Umer is getting better at solving mathematics problems in school. On his first day, he solved 1 question. Each day after that, he solved 1 more question than the previous day. If Umer goes to school for 10 days, how many math problems will he solve in total?

- a) 25
- b) 35
- c) 45
- d) 55

15. Asad's number guessing game involves shapes hiding numbers. Same shapes have the same number; different shapes, different numbers. Can you deduce the number behind a specific shape?



- a) 54426
- b) 65524
- c) 73327
- d) 57726

Markhor Junior Contest 2024

16. Imagine you're looking down directly on a 3D object. What shape would you see? That's the top view of the given figure. Can you identify it from the options provided?



17. They ordered 3 pizzas for a party. Each pizza was cut into 8 slices. Everyone ate one slice, and there were 2 slices leftover. How many people were at the party?
- a) 20
 - b) 22
 - c) 24
 - d) 18

Markhor Junior Contest 2024

18. Agent Omar is trying to crack another secret code involving a two-digit number. Here are the clues he has:



- The digits add up results an even number.
- When 18 is subtracted from the two-digit number, the result is a multiple of 7.
- The final digit of the two-digit number is greater than the first digit.

- a) 44
- b) 46
- c) 58
- d) 68

19. Irha is coloring a 4x4 grid of smaller squares.

She must color half the squares in each row and column, leaving the other half blank.

Having already colored 7 squares, where should she place the next colored square to follow this rule?

- a) A
- b) B
- c) C
- d) D

