

Please check the examination details below before entering your candidate information

Candidate Name

Class

Section

BLOOM Mathematics

Olympiad (BMO)

Question Paper 2023-24

Class
3

Total Questions: **35 + 3** (Tie-Breaking Section)


Total Time Allotted :
60 minutes

Total Marks
35

Instructions

1. There are **35 Multiple Choice Questions** in this booklet having 4 options out of which **ONLY ONE** is correct.
2. 1 Mark will be allotted for each correct answer.
3. All questions are compulsory. There is **NO negative** marking for incorrect answers.
4. Total time allotted to complete the paper is 60 minutes.
5. Please fill in your details in the space provided on this page before attempting the paper.

OMR Sheet Instructions

1. Before starting the paper, fill in all the details in the OMR Sheet.
2. Additional 10 minutes will be provided to fill up the OMR sheet, before the start of the exam.
3. Use HB Pencil to darken the circle of the correct Option in OMR sheet. The correct way to darken the circle in OMR sheet is shown below

4. Use black or blue ball point pen/HB pencil to fill the information in the OMR sheet. Partially filled OMR sheet will not be checked.
5. Return the OMR sheet to the invigilator after the exam.

CODE#1

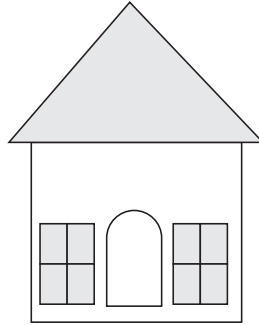
M3



BLOOM CAP
Founded by |  **arihant**

Bloom Mathematics Olympiad Class 3

1. How many horizontal lines are there in the figure given below?



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

2. On his birthday, Karim distributed Rs. 900 equally among 15 orphans. How many rupees did each orphan get?

- (a) Rs. 60 (b) Rs. 50
(c) Rs. 65 (d) Rs. 70

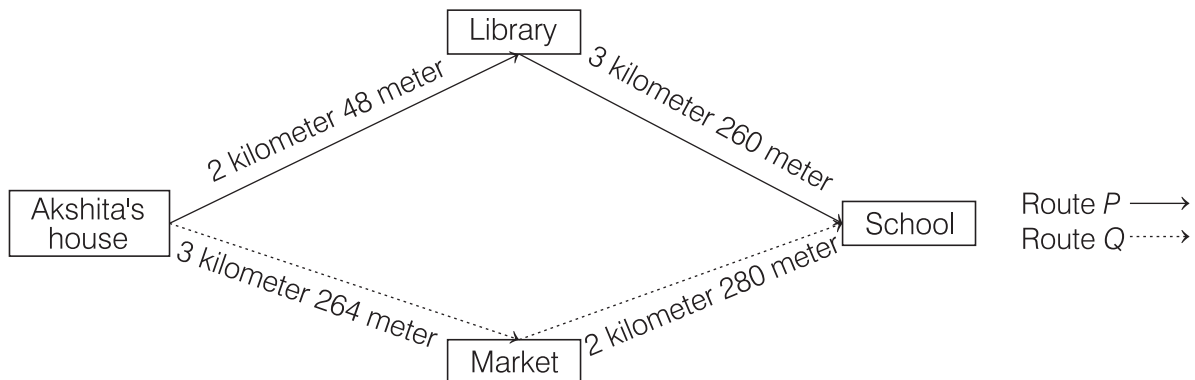
3. A stationary shop sold 130 pencils and 150 erasers in a day. If it sells 30 more pens, then the number of pencils and erasers sold in a day altogether, how many pens were sold in a day?

- (a) 290 (b) 300
(c) 270 (d) 310

4. The cost of 3 dolls and 2 toy cars is Rs. 950. If the cost of 1 doll is Rs. 200, then the cost of 1 toy car is

- (a) Rs. 175 (b) Rs. 125
(c) Rs. 150 (d) Rs. 275

5. There are two possible routes that Akshita can take to reach her school from her house. Which route is shorter and by how much?



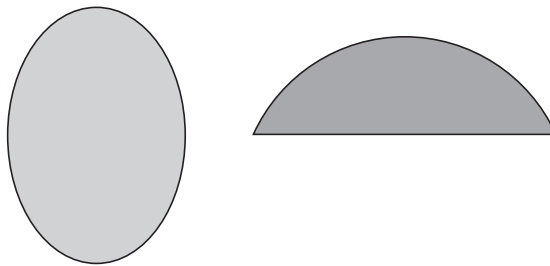
- (a) P, 230 meter (b) Q, 236 meter
(c) P, 236 meter (d) Q, 230 meter

-
6. The difference between 938 and 512 is _____ the product of 53 and 12.
- (a) Greater than (b) Less than
(c) Equal to (d) Cannot be determined
-

7. 35 sacks of wheat are kept in a godown. If the weight of one sack is 27 kilogram, then what will be the total weight of all the sacks?
- (a) 945 kilogram (b) 935 kilogram
(c) 940 kilogram (d) 955 kilogram
-

8. Maddy drinks 2 glasses of milk everyday. How many glasses of milk would he drink in the month of June, if he drinks the same amount everyday?
- (a) 50 glasses (b) 80 glasses
(c) 60 glasses (d) 100 glasses
-

9. How many curved lines are there in the picture given below?

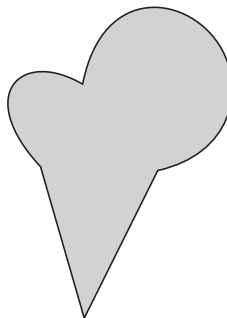


- (a) 1 (b) 2
(c) 3 (d) No curved line
-

10. Sonia purchases a perfume bottle for Rs. 250, a tiffin box set for Rs. 335 and a school bag for Rs. 525. How much money she will have to pay?
- (a) Rs. 1155 (b) Rs. 1110
(c) Rs. 1000 (d) Rs. 1150
-

11. The cost of a smart teddy bear is twice the cost of a toy car costing Rs. 225. What is the cost of the smart teddy bear?
- (a) Rs. 420 (b) Rs. 475
(c) Rs. 425 (d) Rs. 450
-

12. The number of straight and curved lines in the picture given below



- (a) 2, 2 (b) 2, 3 (c) 2, 1 (d) 1, 2

13. Arya purchased 4 kilogram 250 gram of rice and 3 kilogram 350 gram of the pulse. Then, the total weight of grains bought by Arya is

- (a) 7 kilogram 640 gram (b) 7 kilogram 650 gram
(c) 7 kilogram 600 gram (d) 8 kilogram 600 gram

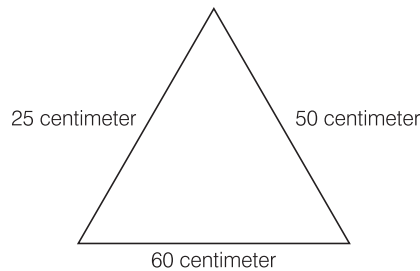
14. How many hours do 480 minutes have?

- (a) 7 hour (b) 9 hour (c) 6 hour (d) 8 hour

15. Krishna goes to play Tennis at 6:15 pm and reaches home at 8:25 pm. How long does he play?

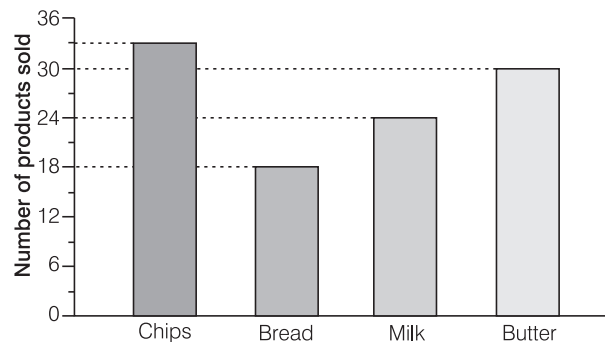
- (a) 2 hour 10 minute (b) 4 hour 5 minute
(c) 2 hour (d) 12 hour

16. The perimeter of the figure given below



- (a) 130 centimeter (b) 132 centimeter
(c) 135 centimeter (d) 145 centimeter

17. The graph shows the number of each type of products that Rohit sold in a day. If each product was sold for Rs. 30, how much money did he collect altogether?



- (a) Rs. 3050 (b) Rs. 3160 (c) Rs. 3150 (d) Rs. 3000

18. A movie lasted for 2 hour. The movie ended at 10:30 pm. At what time did it start?

- (a) 8:30 pm (b) 7:30 pm (c) 8:45 pm (d) 6:30 pm

19. In a train, there are 235 first class seats and 470 second class seats. What is the total number of seats in the train?

- (a) 700 seats (b) 750 seats (c) 705 seats (d) 800 seats

20. Which of the following has same value as 674?

- (a) $800 + 74$ (b) $600 + 70 + 4$ (c) $600 + 4$ (d) $600 + 70$

21. Tanya spent the amount of money shown below



If Tanya had Rs. 950 in the beginning, how much amount of money is left with her?

- (a) Rs. 291 (b) Rs. 281 (c) Rs. 250 (d) Rs. 391

22. At a party 265 people arrange themselves in 5 equal rows. How many people are seated in each row?

- (a) 53 (b) 52 (c) 51 (d) 55

23. In Neha's school the lunch time is 1:30 pm to 2:30 pm. What is the duration of lunch time?

- (a) 1 hour (b) 1 hour 15 minutes
(c) 1 hour 5 minutes (d) 1 hour 10 minutes

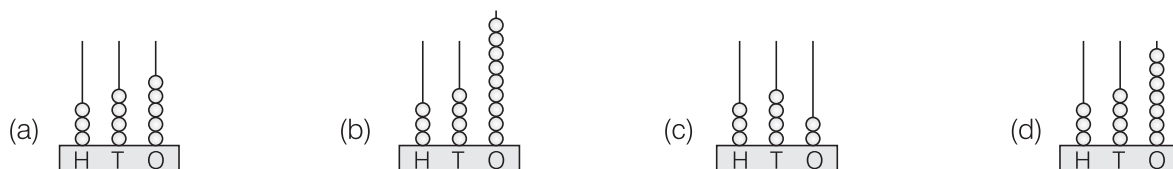
24. There are _____ hundreds in 380.

- (a) 5 (b) 3 (c) 30 (d) 38

25. Which of the following option is equal to one?

- (a) 1×1 (b) $9 \div 9$ (c) $1 + 0$ (d) All of these

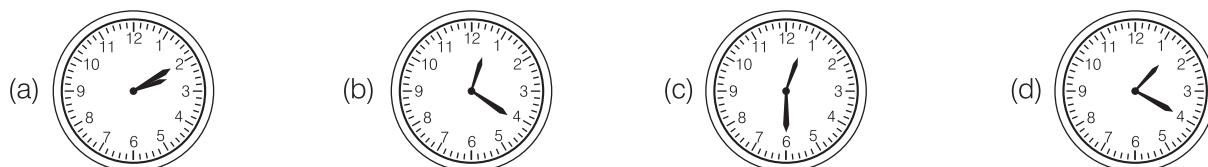
26. Which of the given abacus shows the number greater than 347?



27. The sum of 427 and 475 is _____.

- (a) One thousand and two (b) Nine hundred
(c) Nine hundred and two (d) Eight hundred and one

28. Ramesh read the time in the clock as 30 minutes to 1. Which of the given clocks correctly represent the time mentioned?



29. Solve the following

$$435 + 408 - 245 + 358$$

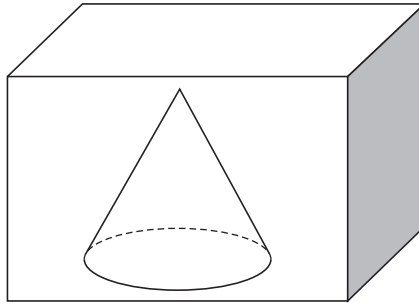
(a) 958

(b) 968

(c) 956

(d) 957

30. Which 3-D shapes does the given figure have?



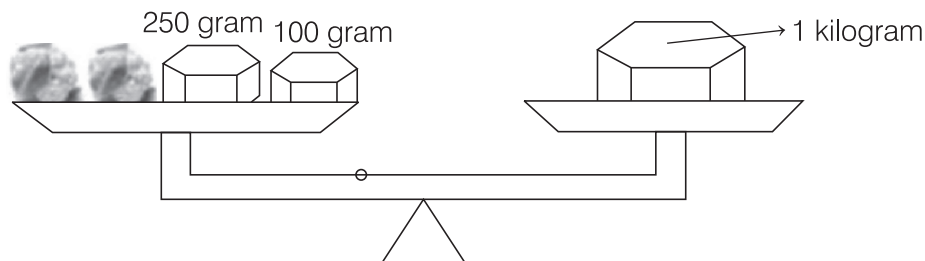
(a) Cone and cuboid

(b) Cube and cone

(c) Cube and cylinder

(d) Cylinder and sphere

31. Sunil's mother buys two cauliflowers from the market which are weighed by the seller as shown in the figure given below



How much did the two cauliflowers together weight?

(a) 350 gram

(b) 1 kilogram

(c) 650 gram

(d) 1 kilogram 350 gram

32. Aarti is learning sign language in a special school. She learned 68 signs in the first 2 months. She learned 114 signs in the next 4 months. How many signs did she learn in all?

(a) 172

(b) 182

(c) 190

(d) 135

33. The value of A , B and C , respectively is

$$\begin{array}{r} 5 \quad \boxed{A} \quad \boxed{B} \\ - \boxed{C} \quad 6 \quad 6 \\ \hline 1 \quad 7 \quad 8 \end{array}$$

(a) 4, 4, 3

(b) 4, 3, 4

(c) 3, 3, 4

(d) 3, 4, 5

34. Arrange the following numbers in descending order

413, 487, 358, 369

(a) 358, 369, 413, 487

(b) 487, 413, 358, 369

(c) 487, 413, 369, 358

(d) 413, 487, 369, 358

35. The relation between heart and stars are given below



How many hearts will be equal to the stars given below?



(a) 

(b) 

(c) 

(d) 

Tie-Breaking Section

1. I am a three-digit number. My unit place is an even number. My tens place is occupied by 7. The digit present in my hundreds place is one less than the digit present in my tens place. Find me.

(a) 675 (b) 646 (c) 676 (d) 766

2. If only all Saturdays and Sundays are holidays, then in the month of December 2023 how many holidays we will get?

December 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

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

3.

$$\triangle \times \triangle = \star$$

$$\triangle + \triangle + \triangle + \triangle = \star$$

What number does \star represent ?

(a) 4 (b) 16 (c) 36 (d) 25