

Mindbenz Olympiad of Mathematics (MOM)

Sample Paper

Grade - 1

Maximum Marks: 40

Time Allowed – 45 Minutes

Section: A Fundamental Check (10 Questions × 1 mark = 10 marks)

Q1. A number is made using 2 tens and 1 ones. If 9 is added to it, what number do we get?

- a) 29
- b) 30
- c) 31
- d) 28

Q2. Arjun bought 15 pencils on Monday, 17 pencils on Tuesday and 26 pencils on Wednesday.

How many pencils did he buy altogether?

- a) 58
- b) 57
- c) 59
- d) 56

Q3. Total apples- 

Zoya ate- 

_____ apples are left with Zoya.

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

Q4. Which number is 18 more than the greatest 2-digit number?

- a) 117
- b) 118
- c) 108
- d) 8

Q5. A bottle contains 12 glasses of juice.

If 4 glasses are already poured out, how many more glasses can be poured?

- a) 6
- b) 9
- c) 8
- d) 5



Q6. Rohan had  **candies. His sister gave him the same number he already had, and then his friend gave him 3 more.**

How many candies does Ron have now?

a) 12

b) 15

c) 9

d) 18

Q7. A pencil shows:

- "I have 2 tens and 4 ones. If someone erases 11 ones from me, how many are left?"

Another pencil says:

- "I had 3 tens and 4 ones. But I gave away 2 tens and 2 ones. What's left?"

A third one says:

- "Start with 4 tens, and remove 20 ones. What's the result?"

Now match each pencil with its correct answer:

a) Pencil 1 – 13, Pencil 2 – 12, Pencil 3 – 20

b) Pencil 1 – 12, Pencil 2 – 20, Pencil 3 – 13

c) Pencil 1 – 13, Pencil 2 – 20, Pencil 3 – 12

d) Pencil 1 – 20, Pencil 2 – 13, Pencil 3 – 12

Q8. What is the smallest number you can make using all the digits in 5, 0, 8?

- a) 580
- b) 508
- c) 805
- d) 058

Q9. Tina baked 7 cupcakes on Monday 🍰 and 9 cupcakes on Wednesday 🍰🍰. On Friday, she baked double the number she baked on Monday.

How many cupcakes did she bake in total?

- a) 30
- b) 23
- c) 25
- d) 33

Q10. There were 12 butterflies in the garden.



If 4 flew away and 2 came back, how many are there now?

- a) 8
 - b) 9
 - c) 10
 - d) 12
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Section: B Application Zone (10 Questions × 1 mark = 10 marks)

Q11. There are 12 balloons. 5 balloons flew away. Then, 4 more were added. How many balloons are there now?

- a) 10
- b) 11
- c) 12
- d) 9

Q12. One apple cost ₹5. If Ravi buys 4 apples and gives ₹25, how much money will he get back?

- a) ₹10
- b) ₹20
- c) ₹5
- d) ₹15

Q13. Which of the following objects is the longest?



- a) Spoon
- b) Ruler
- c) Pencil

d) Straw

Q14. Ravi had ₹60. He bought a ball for ₹30 and a chocolate for ₹10. How much money is left?

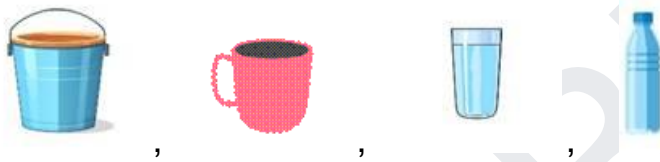
a) ₹10

b) ₹15

c) ₹5

d) ₹20

Q15. Which object can hold the most water?



a) Cup

b) Bucket

c) Glass

d) Bottle

Q16. Look at the coins. What is the total amount?



a) ₹17

b) ₹19

c) ₹18

d) ₹20

Q17. The weight of 1  elephant is equal to the weight of 4  zebras.

The weight of 2  elephants is equal to the weight of how many  zebras?

a) 6

b) 8

c) 10

d) 12

Q18. What is the best unit to measure the weight of a watermelon?

a) Grams

b) Litres

c) Kilograms

d) Centimetres

Q19. If the weight of a  donut is 5 boxes and the weight of a  cake is 13 boxes more than the donut, then the weight of 2  cakes is ____.

a) 26 boxes

b) 36 boxes

c) 18 boxes

d) 13 boxes

Q20. Rohan bought a pencil for ₹6 and a sharpener for ₹7. He paid with a ₹20 note. How much change did he get?

a) ₹7

b) ₹6

c) ₹8

d) ₹10

Section C: Maths Mastery (10 Questions × 2 marks = 20 marks)

Q21. Find the missing shape in the figure.



a) Circle

b) Rectangle

c) Triangle

d) Square

Q22. You see this pattern of numbers:

1, 4, 9, 16, 25, __

What is the 6th number in this pattern?

a) 30

b) 32

c) 36

d) 49

Q23. Which 3D shape has no corners, no edges, and only 1 curved surface?

a) Cube

b) Cylinder

c) Sphere

d) Cone

Q24. A clock shows 2:50. How many minutes are left to 4 o'clock?



a) 60 minutes

b) 70 minutes

c) 80 minutes

d) 85 minutes

Q25. Today is Monday. What day will it be after 15 days?

- a) Wednesday
- b) Thursday
- c) Tuesday
- d) Monday

Q26. Which of these patterns breaks the rule?

2, 4, 8, 14, 16

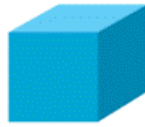
- a) 4
- b) 8
- c) 14
- d) 16

Q27. Match the following

A (Shape)	B (Property)
A. Cube	a) 
B Sphere	b) 

C. Cone

c)



Options:

- a) A–b, B–a, C–c
- b) A–c, B–b, C–a
- c) A–b, B–c, C–a
- d) A–b, B–c, C–c

Q28. What time will it be 2 hours and 45 minutes after 9:20 a.m.?

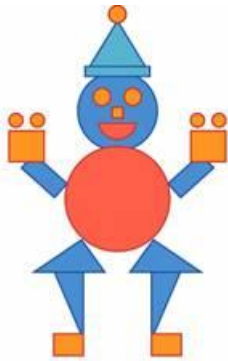
- a) 11:55 a.m.
- b) 1:05 p.m.
- c) 12:05 p.m.
- d) 12:15 p.m.

Q29. A caterpillar moves in a pattern: 1 step forward, 2 steps back, 3 steps forward, 2 steps back.

How many steps forward is it after 4 moves?

- a) 0
- b) 2
- c) 4
- d) 6

Q30. There are ___ P ___ circles, ___ Q ___ triangles and ___ R ___ squares in the given robot figure.



- a) P - 6, Q - 9, R - 2
- b) P - 8, Q - 9, R - 2
- c) P - 6, Q - 5, R - 4
- d) P - 9, Q - 5, R - 5

Answer Key

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|-------------|--------------|-------------|--------------|--------------|
| 1. b | 7. a | 13.b | 19.b | 25. c |
| 2. a | 8. b | 14.d | 20.a | 26. c |
| 3. c | 9. a | 15.b | 21. b | 27. b |
| 4. a | 10 .c | 16.b | 22.c | 28. c |
| 5. c | 11. b | 17.b | 23.c | 29. a |
| 6. b | 12. c | 18.c | 24.b | 30. d |
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