MIND CARVER

GLOBAL MATH OLYMPIAD 1.0

Explorer Level — Grades 3–4

Math Adventurers

Past Paper — For Reference & Practice

40 Questions · 60 Minutes · 2.5 Marks per Question · 100 Marks Total

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Section 1: Number Ninjas (20 Marks)

Q1. What is the missing number: 7 × ___ = 56?

A. 6
B. 7
C. 8
D. 9

Section 1: Number Ninjas (20 Marks)

Q2. Add: 245 + 138 = ?

A. 373
B. 383
C. 393
D. 363

Section 1: Number Ninjas (20 Marks)

Q3. Subtract: 500 − 275 = ?

A. 215
B. 225
C. 235
D. 245

Section 1: Number Ninjas (20 Marks)

Q4. If you have 4 bags of marbles with 9 marbles in each bag, how many marbles in total?

A. 32
B. 36
C. 40
D. 45

Section 1: Number Ninjas (20 Marks)

Q5. Divide: 72 ÷ 8 = ?

A. 7
B. 8
C. 9
D. 10

Section 1: Number Ninjas (20 Marks)

Q6. A farmer has 60 chickens. He sells 25. How many are left?

A. 25
B. 30
C. 35
D. 40

Section 1: Number Ninjas (20 Marks)

Q7. Which of these numbers is a multiple of 6?

A. 16
B. 20
C. 24
D. 28

Section 1: Number Ninjas (20 Marks)

Q8. Sana buys 3 packs of pencils with 8 pencils in each pack. How many pencils does she have?

A. 16
B. 20
C. 24
D. 28

Section 2: Shape & Space Explorers (20 Marks)

Q9. What is the perimeter of a square with side 6 cm?

A. 12 cm
B. 18 cm
C. 24 cm
D. 30 cm

Section 2: Shape & Space Explorers (20 Marks)

Q10. How many sides does a pentagon have?

A. 4
B. 5
C. 6
D. 7

Section 2: Shape & Space Explorers (20 Marks)

Q11. What is the area of a rectangle with length 8 cm and width 3 cm?

A. 11 cm^2
B. 22 cm^2
C. 24 cm^2
D. 28 cm^2

Section 2: Shape & Space Explorers (20 Marks)

Q12. Which shape has all sides equal and all angles equal to 90°?

A. Rectangle
B. Square
C. Rhombus
D. Trapezoid

Section 2: Shape & Space Explorers (20 Marks)

Q13. How many faces does a cube have?

A. 4
B. 6
C. 8
D. 12

Section 2: Shape & Space Explorers (20 Marks)

Q14. What is the perimeter of a rectangle with length 10 cm and width 4 cm?

A. 14 cm
B. 20 cm
C. 28 cm
D. 40 cm

Section 2: Shape & Space Explorers (20 Marks)

Q15. If you rotate a square by 90°, how does it look?

A. The same shape
B. A different shape
C. Bigger
D. Smaller

Section 2: Shape & Space Explorers (20 Marks)

Q16. How many sides does an octagon have?

A. 6
B. 7
C. 8
D. 9

Section 3: Fraction Friends (20 Marks)

Q17. What is 1/2 + 1/4?

A. 1/4
B. 2/4
C. 3/4
D. 1

Section 3: Fraction Friends (20 Marks)

Q18. Which fraction is equivalent to 2/4?

A. 1/2 B. 1/4
C. 3/4 D. 2/3

Section 3: Fraction Friends (20 Marks)

Q19. A cake has 8 slices. Ali eats 2. What fraction of the cake did he eat?

A. 1/8 B. 1/4
C. 1/2 D. 2/3

Section 3: Fraction Friends (20 Marks)

Q20. Which is bigger: 1/3 or 1/4?

A. 1/3 B. 1/4
C. Equal D. Cannot tell

Section 3: Fraction Friends (20 Marks)

Q21. Subtract: 3/4 − 1/4 = ?

A. 1/4 B. 1/2
C. 3/4 D. 1

Section 3: Fraction Friends (20 Marks)

Q22. A pizza is cut into 6 slices. If 2 slices are eaten, what fraction of the pizza is left?

A. 1/3 B. 1/2
C. 2/3 D. 1/6

Section 3: Fraction Friends (20 Marks)

Q23. Which of these fractions equals a whole number?

A. 4/4 B. 3/4
C. 2/4 D. 1/4

Section 3: Fraction Friends (20 Marks)

Q24. Add: 1/5 + 2/5 = ?

A. 1/5 B. 2/5
C. 3/5 D. 4/5

Section 4: Time & Money Trail (20 Marks)

Q25. If the short hand of a clock points to 4 and the long hand points to 12, what time is it?

A. 4:00 B. 4:30
C. 5:00 D. 12:04

Section 4: Time & Money Trail (20 Marks)

Q26. What is the time 30 minutes after 2:15?

A. 2:30
B. 2:45
C. 3:15
D. 2:50

Section 4: Time & Money Trail (20 Marks)

Q27. Bilal has $20. He spends $8 on a toy. How much money does he have left?

A. $10
B. $12
C. $14
D. $16

Section 4: Time & Money Trail (20 Marks)

Q28. A pencil costs $2. How much will 5 pencils cost?

A. $8
B. $10
C. $12
D. $14

Section 4: Time & Money Trail (20 Marks)

Q29. A movie starts at 3:00 PM and lasts 2 hours. What time does it end?

A. 4:00 PM
B. 5:00 PM
C. 6:00 PM
D. 3:30 PM

Section 4: Time & Money Trail (20 Marks)

Q30. Sara saves $5 every week. How much will she save in 4 weeks?

A. $15
B. $20
C. $25
D. $30

Section 4: Time & Money Trail (20 Marks)

Q31. Ali has $30. He buys a book for $12 and a pen for $3. How much money is left?

A. $12
B. $15
C. $18
D. $21

Section 4: Time & Money Trail (20 Marks)

Q32. How many minutes are there in half an hour?

A. 15
B. 20
C. 30
D. 45

Section 5: Puzzle Detectives (20 Marks)

Q33. Which number is a multiple of both 3 and 5?

A. 10
B. 12
C. 15
D. 18

Section 5: Puzzle Detectives (20 Marks)

Q34. What is the next letter in the pattern: A, C, E, G, ___?

A. H
B. I
C. J
D. K

Section 5: Puzzle Detectives (20 Marks)

Q35. A code changes each letter by adding 1 (A→B). What does "CAT" become?

A. DBU
B. DCV
C. BZS
D. DBV

Section 5: Puzzle Detectives (20 Marks)

Q36. I am a number less than 15. I am odd. I am divisible by 3. What number could I be?

A. 6
B. 9
C. 10
D. 12

Section 5: Puzzle Detectives (20 Marks)

Q37. Look at the pattern: 3, 6, 12, 24, ___ (each number doubles). What comes next?

A. 36
B. 42
C. 48
D. 30

Section 5: Puzzle Detectives (20 Marks)

Q38. Four friends are in a race. Sara finished before Ali. Ali finished before Zara. Who finished first?

A. Sara
B. Ali
C. Zara
D. Cannot tell

Section 5: Puzzle Detectives (20 Marks)

Q39. In a magic square, each row and column sums to 12. If two numbers in a row are 3 and 5, what is the third number?

A. 3
B. 4
C. 5
D. 6

Section 5: Puzzle Detectives (20 Marks)

Q40. If today is Sunday, what day will it be after 3 days?

A. Monday
B. Tuesday
C. Wednesday
D. Thursday