# **Top 100 Questions Mathematics**

#### Part 2

## **Addition**

Here are **Top 100 Questions on Addition**, categorized by difficulty level (from beginner to advanced), suitable for practice or teaching students:

#### Basic (1-digit & 2-digit numbers)

- 1. What is 2 + 3?
- 2. What is 7 + 4?
- 3. What is 5 + 6?
- 4. What is 9 + 1?
- 5. What is 8 + 2?
- 6. What is 3 + 3?
- 7. What is 6 + 7?
- 8. What is 4 + 5?
- 9. What is 0 + 9?
- 10. What is 1 + 8?
- 11. Add 10 + 5
- 12. Add 13 + 6
- 13. Add 9 + 14
- 14. Add 7 + 12

- 15. Add 6 + 15
- 16. Add 18 + 2
- 17. Add 11 + 9
- 18. Add 13 + 7
- 19. Add 12 + 5
- 20. Add 15 + 4

## Intermediate (2-digit numbers, regrouping/carrying involved)

- 21. Add 23 + 17
- 22. Add 45 + 28
- 23. Add 56 + 19
- 24. Add 32 + 48
- 25. Add 67 + 26
- 26. Add 39 + 18
- 27. Add 74 + 35
- 28. Add 81 + 29
- 29. Add 96 + 12
- 30. Add 64 + 38
- 31. What is the sum of 77 and 45?
- 32. What is the total of 52 + 39?
- 33. Add 89 + 44
- 34. Add 60 + 61
- 35. Add 75 + 25

- 36. Add 48 + 57
- 37. Add 99 + 11
- 38. Add 83 + 27
- 39. Add 93 + 17
- 40. Add 66 + 34

#### Word Problems (Basic)

- 41. If Ravi has 5 apples and gets 3 more, how many does he have now?
- 42. A basket has 10 oranges. You put in 6 more. How many now?
- 43. Rani has 7 pencils. Her friend gives her 4 more. Total pencils?
- 44. You have 9 candies and get 8 more. Total?
- 45. Tom has 12 balloons. He buys 7 more. How many now?
- 46. There are 13 boys and 9 girls in a class. Total students?
- 47. A farmer has 25 cows and 18 goats. Total animals?
- 48. A train has 23 passengers in one compartment and 32 in another. Total?
- 49. You read 15 pages yesterday and 17 today. Total pages read?
- 50. A box has 28 red balls and 46 green balls. Total balls?

#### Advanced (3-digit numbers)

- 51. Add 123 + 456
- 52. Add 298 + 672
- 53. Add 734 + 185
- 54. Add 999 + 111

- 55. Add 876 + 324
- 56. Add 452 + 389
- 57. Add 615 + 271
- 58. Add 304 + 698
- 59. Add 735 + 283
- 60. Add 199 + 801
- 61. Add 400 + 600
- 62. Add 213 + 432
- 63. Add 544 + 456
- 64. Add 128 + 374
- 65. Add 789 + 111
- 66. Add 890 + 109
- 67. Add 650 + 245
- 68. Add 710 + 290
- 69. Add 368 + 533
- 70. Add 999 + 999

#### Word Problems (Advanced)

- 71. A company sold 456 items in January and 678 in February. How many total?
- 72. A school has 324 boys and 278 girls. Total students?
- 73. A car traveled 150 km in the morning and 320 km in the evening. Total?
- 74. A store earned ₹856 on Monday and ₹923 on Tuesday. Total earnings?
- 75. A library has 1,235 storybooks and 895 comics. How many books?

- 76. A factory produced 1,234 units last week and 1,678 this week. Total units?
- 77. You save ₹543 in January and ₹789 in February. Total savings?
- 78. A book has 238 pages in part 1 and 345 in part 2. Total pages?
- 79. There were 765 passengers on train A and 897 on train B. Total passengers?
- 80. A farmer harvested 2,345 kg of wheat and 3,256 kg of rice. Total harvest?

#### Mixed Practice (All Types)

- 81. Add 11 + 89
- 82. Add 231 + 112
- 83. Add 456 + 321
- 84. Add 129 + 871
- 85. Add 753 + 246
- 86. Add 500 + 500
- 87. Add 777 + 333
- 88. Add 650 + 356
- 89. Add 901 + 102
- 90. Add 333 + 666
- 91. What is the sum of 245 and 310?
- 92. What is 487 + 502?
- 93. What is 376 + 624?
- 94. Add 205 + 195
- 95. Add 801 + 399
- 96. Add 456 + 789

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97. Add 100 + 900
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Let me know if you'd like these as flashcards, worksheets, or in a quiz format!

## Subtraction

Here are **Top 100 Questions on Subtraction**, ideal for young learners (UKG to Grade 2), grouped from simple to slightly advanced:

## 🔢 Basic Subtraction (1-digit)

- 1. What is 5 3?
- 2. What is 7 4?
- 3. What is 9 5?
- 4. What is 8 2?
- 5. What is 6 1?
- 6. What is 4 2?
- 7. What is 3 3?
- 8. What is 2 1?
- 9. What is 1 0?
- 10. What is 5 0?

## Subtraction within 10

$$12.9 - 4 = ?$$

$$14.7 - 3 = ?$$

$$15.6 - 2 = ?$$

$$18.8 - 7 = ?$$

### B Word Problems (Simple)

- 21. You have 5 apples. You eat 2. How many left?
- 22. There are 9 balloons. 4 flew away. How many remain?
- 23. 6 pencils. Lost 3. How many do you have now?
- 24. You had 10 candies and gave 6 to a friend. How many left?
- 25. There were 8 birds. 3 flew away. How many are still there?

## 💡 Subtraction Using Number Line

- 26. Show 7 4 on the number line.
- 27. What number do you land on if you move back 3 from 6?
- 28. Start at 9, go back 2. Where are you?
- 29. Use number line to solve 10 6.
- 30. Start at 8, subtract 5 using number line.

### **Subtraction within 20**

- 31. 15 7 = ?
- 32. 18 9 = ?
- 33. 17 4 = ?
- 34. 16 8 = ?
- 35. 19 5 = ?
- 36. 14 6 = ?
- 37. 13 7 = ?
- 38. 12 3 = ?
- 39. 11 2 = ?
- 40.20 10 = ?

#### True or False

- 41.7 4 = 2 (True/False)
- 42. 10 5 = 4 (True/False)
- 43.6 2 = 4 (True/False)
- 44.3 1 = 2 (True/False)
- 45.8 5 = 3 (True/False)

### Missing Numbers

- 46. \_\_\_ 3 = 4
- 47.7-\_\_=5
- 48. \_\_ 2 = 6
- 49.9 \_\_\_ = 3
- 50. \_\_\_ 5 = 2

## **Report Subtraction with Objects**

- 51. If you have 6 toys and give away 2, how many are left?
- 52. There are 10 marbles, you lose 4. How many remain?
- 53. You had 9 crayons. 3 broke. How many are good now?
- 54. 8 ducks were in the pond. 5 swam away. How many now?
- 55. You had 7 cookies. Ate 6. How many cookies now?

## 2-Digit Subtraction (No Borrowing)

- 56. 23 11 = ?
- 57.45 22 = ?
- 58.67 34 = ?
- 59.89 44 = ?
- 60.72 21 = ?

## **2-Digit Subtraction (With Borrowing)**

- 61.41 16 = ?
- 62.53 27 = ?
- 63.62 38 = ?
- 64.74 59 = ?
- 65.90 45 = ?

## Subtraction Story Sums

- 66. Riya had 18 toffees. She gave 7 to her brother. How many left?
- 67. A box had 25 chocolates. 12 were eaten. How many now?
- 68. A shop sold 30 toys. 13 are left. How many were sold?
- 69. 40 balloons were in the air. 22 burst. How many remain?
- 70. Out of 50 pencils, 28 were used. How many are unused?

#### **Mixed Practice**

- 71. 19 7 = ?
- 72. 12 5 = ?
- 73. 17 9 = ?
- 74. 15 3 = ?
- 75. 14 6 = ?

#### Challenge Questions

- 76. What is the difference between 99 and 88?
- 77. Subtract the smallest 2-digit number from the largest 2-digit number.
- 78. Find the missing number: 100 \_\_\_ = 25
- 79. What number should be subtracted from 60 to get 15?
- 80. 200 150 = ?

### **®** Subtracting Multiples of 10

- 81.90 30 = ?
- 82.80 50 = ?
- 83.70 20 = ?
- 84.60 40 = ?
- 85. 100 70 = ?

## 🧩 Fun Puzzles

- 86. I had 15 coins, lost some, and now have 9. How many lost?
- 87. A monkey had 10 bananas, gave away 4. How many left?
- 88. There were 16 cats. 8 ran away. How many still there?
- 89. In a zoo, there were 25 lions, 10 left. How many now?
- 90. A book has 100 pages, 30 are torn. How many left?

## 📏 Subtraction with 3-digit numbers

- 91.321 120 = ?
- 92.450 230 = ?
- 93.598 245 = ?
- 94.607 304 = ?
- 95. 723 419 = ?

#### Real-life Subtraction

- 96. You had ₹100 and spent ₹45. How much is left?
- 97. A shop had 150 shirts, sold 80. How many remain?
- 98. A train had 200 passengers. 75 got down. How many left?
- 99. You read 85 pages of a 120-page book. How many left?
- 100. A farmer had 1,000 mangoes, sold 345. How many left?

Would you like a printable version of this list or flashcards too?

## Multiplication

Here are the **Top 100 Multiplication Questions** designed for practice and learning. These cover a wide range of difficulty levels suitable for early learners up to middle-grade students:

### Basic Multiplication (1–10 tables)

- 1. What is 2 × 3?
- 2. What is 4 × 5?
- 3. What is 7 × 6?
- 4. What is 8 × 9?
- 5. What is 3 × 3?
- 6. What is  $5 \times 5$ ?
- 7. What is 9 × 1?
- 8. What is 10 × 10?
- 9. What is 6 × 4?
- 10. What is  $7 \times 2$ ?

## Multiplying with 0 and 1

- 11. What is 0 × 8?
- 12. What is 1 × 9?
- 13. What is  $0 \times 0$ ?
- 14. What is 1 × 1?
- 15. What is 1 × 100?

## Word Problems (Simple)

- 16. There are 5 boxes with 3 apples in each. How many apples in total?
- 17. A spider has 8 legs. How many legs do 4 spiders have?

- 18. A chair has 4 legs. How many legs do 6 chairs have?
- 19. A week has 7 days. How many days in 3 weeks?
- 20. A car has 4 wheels. How many wheels do 9 cars have?

### **★** Tables Practice (11–20 tables)

- 21. What is 11 × 3?
- 22. What is 12 × 4?
- 23. What is 13 × 2?
- 24. What is 14 × 5?
- 25. What is 15 × 6?
- 26. What is 16 × 7?
- 27. What is 17 × 8?
- 28. What is 18 × 9?
- 29. What is 19 × 10?
- 30. What is  $20 \times 2$ ?

## Two-digit × One-digit

- 31. What is 12 × 3?
- 32. What is 21 × 4?
- 33. What is 34 × 5?
- 34. What is 43 × 2?
- 35. What is 19 × 6?

## □ Commutative Property

- 36. Is  $3 \times 4 = 4 \times 3$ ?
- 37. Is  $7 \times 5 = 5 \times 7$ ?
- 38. Is  $2 \times 9 = 9 \times 2$ ?
- 39. Is  $10 \times 3 = 3 \times 10$ ?
- 40. Is  $6 \times 8 = 8 \times 6$ ?

## Missing Number Problems

- 41.6 × \_\_\_ = 42
- 42. \_\_\_ × 4 = 16
- 43.5 × \_\_\_ = 25
- 44. \_\_\_ × \_\_\_ = 81
- 45. 7 × \_\_\_ = 35

#### True or False

- $46.6 \times 6 = 36$
- $47.9 \times 8 = 72$
- $48.10 \times 5 = 50$
- $49.12 \times 4 = 45$
- $50.7 \times 7 = 49$

### Double-Digit Multiplication

- 51. What is 23 × 3?
- 52. What is 12 × 12?
- 53. What is 15 × 15?
- 54. What is 21 × 11?
- 55. What is 34 × 12?

### Multiplication with Money (Word Problems)

- 56. If 1 pen costs ₹5, what is the cost of 8 pens?
- 57. A toy costs ₹12. What is the cost of 6 toys?
- 58. A chocolate costs ₹3. What is the cost of 10 chocolates?
- 59. A bottle costs ₹25. What is the cost of 4 bottles?
- 60. One packet of biscuits costs ₹15. What is the cost of 7 packets?

### Nultiplication in Measurement

- 61. 1 foot = 12 inches. How many inches in 5 feet?
- 62. 1 kg = 1000 grams. What is 3 kg in grams?
- 63. If 1 box weighs 2 kg, how much do 6 boxes weigh?
- 64. 1 liter = 1000 ml. How many ml in 8 liters?
- 65. 1 meter = 100 cm. What is 12 meters in cm?

## Advanced Multiplication

- 66. What is 23 × 45?
- 67. What is 67 × 12?
- 68. What is 99 × 99?
- 69. What is 123 × 11?

#### Pattern Based

- 71. What is  $5 \times 1$ ,  $5 \times 2$ ,  $5 \times 3$ ...? Find the pattern.
- 72. Find the pattern: 3, 6, 9, 12, ...
- 73. Find the next number in: 7, 14, 21, \_\_\_\_
- 74. What is the unit digit in  $7 \times 9$ ?
- 75. What is the unit digit in 8 × 6?

#### Multiples

- 76. Write first 5 multiples of 6.
- 77. Write first 3 multiples of 12.
- 78. Is 30 a multiple of 5?
- 79. Is 24 a multiple of 8?
- 80. What is the smallest multiple of 7 greater than 50?

#### Game-Based

- 81. Roll a dice. Multiply the number by 5.
- 82. Pick a number card. Multiply it by 3.
- 83. What is the product of your birth month × 4?
- 84. Multiply your shoe size by 2.
- 85. Multiply your age by 7.

## Long Multiplication

- 86. Multiply 123 × 45
- 87. Multiply 298 × 17
- 88. Multiply 356 × 12
- 89. Multiply 472 × 23
- 90. Multiply 811 × 14

## Reasoning-Based

- 91. Which is greater:  $9 \times 6$  or  $7 \times 8$ ?
- 92. If  $10 \times A = 50$ , what is A?
- 93. If  $5 \times B = 60$ , what is B?

- 94. Is 45 divisible by 5 and 9?
- 95. Which number between 20-30 gives the largest product when multiplied by 3?

#### Fun & Tricky

- 96. Multiply any number by 0. What do you get?
- 97. Multiply a number by 1. What changes?
- 98. Multiply a number by 10. What happens?
- 99. Multiply 99 × 100 quickly.
- 100. Multiply 111 × 111.

Let me know if you'd like the list categorized into worksheets or printable formats!

#### Division

Here are the **Top 100 Questions on Division**, categorized for clarity and skill-building. These are suitable for students from beginner to intermediate levels.

# A. Basic Division (1–10 tables)

- 1. What is 2 ÷ 1?
- 2. What is 4 ÷ 2?
- 3. What is 6 ÷ 3?
- 4. What is 8 ÷ 4?
- 5. What is 10 ÷ 5?
- 6. What is 12 ÷ 6?
- 7. What is 14 ÷ 7?
- 8. What is 16 ÷ 8?
- 9. What is 18 ÷ 9?
- 10. What is 20 ÷ 10?

## B. Division with 0 and 1

- 11. What is 0 ÷ 2?
- 12. What is 0 ÷ 10?
- 13. What is 5 ÷ 1?
- 14. What is 9 ÷ 1?

# C. Division Facts Practice

- $16.24 \div 6 = ?$
- 17.  $18 \div 3 = ?$
- $18.36 \div 4 = ?$
- 19.  $63 \div 7 = ?$
- $20.45 \div 5 = ?$
- $21.81 \div 9 = ?$
- 22. 100 ÷ 10 = ?
- $23.56 \div 8 = ?$
- $24.32 \div 4 = ?$
- $25.27 \div 3 = ?$

# D. Word Problems (Simple)

- 26. 15 chocolates are shared among 3 kids. How many each?
- 27. 20 pencils are packed into 5 boxes. How many per box?
- 28. A bag has 18 apples. If shared with 6 people, how many each?
- 29. 24 balls are arranged equally in 4 baskets. How many per basket?
- 30. 35 stickers are shared by 7 children. How many each?

## E. Division with Remainders

- $31.7 \div 2 = ?$
- 32.  $10 \div 3 = ?$
- 33.  $14 \div 4 = ?$
- $34.19 \div 6 = ?$
- $35.22 \div 5 = ?$
- $36.25 \div 7 = ?$
- $37.31 \div 8 = ?$  $38.13 \div 3 = ?$
- 00.17 4 0
- 39.  $17 \div 4 = ?$
- $40.29 \div 6 = ?$

# ▼ F. Long Division (2-digit ÷ 1-digit)

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41.68 \div 2 = ?
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$$42.84 \div 4 = ?$$

$$43.96 \div 3 = ?$$

$$44.75 \div 5 = ?$$

$$45.63 \div 7 = ?$$

$$46.92 \div 4 = ?$$

$$48.56 \div 2 = ?$$

$$49.44 \div 4 = ?$$

$$50.90 \div 9 = ?$$

# ☑ G. Three-digit Numbers ÷ One-digit

$$51.123 \div 3 = ?$$

52. 
$$456 \div 6 = ?$$

$$53.384 \div 8 = ?$$

$$55.350 \div 5 = ?$$

$$56.729 \div 9 = ?$$

$$57.812 \div 4 = ?$$

$$58.654 \div 6 = ?$$

$$59.990 \div 9 = ?$$

$$60.444 \div 3 = ?$$

# H. Fact Families

#### 61. If $3 \times 4 = 12$ , what is $12 \div 3$ ?

62. If 
$$6 \times 5 = 30$$
, what is  $30 \div 5$ ?

63. If 
$$7 \times 8 = 56$$
, what is  $56 \div 7$ ?

64. If 
$$9 \times 6 = 54$$
, what is  $54 \div 9$ ?

65. If 
$$2 \times 12 = 24$$
, what is  $24 \div 2$ ?

## I. True or False

$$66.36 \div 6 = 6$$

$$67.40 \div 5 = 8$$

$$68.18 \div 2 = 9$$

$$69.30 \div 10 = 3$$

$$70.64 \div 8 = 9$$

# J. Division and Estimation

71. Estimate: 85 ÷ 4 ≈ ?
72. Estimate: 99 ÷ 3 ≈ ?
73. Estimate: 149 ÷ 5 ≈ ?
74. Estimate: 208 ÷ 7 ≈ ?
75. Estimate: 300 ÷ 9 ≈ ?

# K. Division in Measurement (Word Problems)

- 76. 1 meter = 100 cm. Divide 100 cm into 4 parts.
- 77. 1 kg = 1000 g. Divide 1000 g among 5 people.
- 78. Divide 2 liters of milk equally in 4 bottles.
- 79. Divide ₹500 equally among 5 children.
- 80. A pack of 12 eggs is divided into boxes of 3. How many boxes?

# L. Application in Money Problems

- 81. ₹240 is divided equally among 6 people. How much per person?
- 82. You have ₹300. How many ₹50 toys can you buy?
- 83. A pen costs ₹15. How many pens in ₹150?
- 84. A chocolate costs ₹10. How many in ₹70?
- 85. ₹100 is shared equally among 4 people. How much each?

## M. Choose the Correct Answer

- $86.49 \div 7 =$ 
  - a) 5
  - b) 6
  - c) 7
  - d) 8
- $87.63 \div 9 =$ 
  - a) 6
  - b) 7
  - c) 8
  - d) 9
- $88.72 \div 8 =$ 
  - a) 9

- b) 8
- c) 7
- d) 6
- $89.80 \div 10 =$ 
  - a) 9
  - b) 10
  - c) 8
  - d) 7
- $90.100 \div 5 =$ 
  - a) 25
  - b) 15
  - c) 20
  - d) 10

# N. Higher Thinking Questions

- 91. Divide 144 by 12. Is the quotient a whole number?
- 92. Find two numbers whose product is 36 and quotient is 4.
- 93. What is the smallest number divisible by 2, 3, and 4?
- 94. Is 99 divisible by 3 and 9 both?
- 95. What will be the quotient if a number is divided by itself?

## O. Fun and Brain-Teasers

- 96. Divide your age by 2.
- 97. Divide the number of fingers on both hands by 5.
- 98. Divide your shoe size by 2.
- 99. Divide the number of months in a year by 4.
- 100. Divide 111 by 3.

Let me know if you want these as a worksheet, quiz, or flashcards

## Fraction

Here are the **Top 100 Questions on Fractions**, divided into categories to help students understand **basic to intermediate** fraction concepts, including identification, comparison, operations, word problems, and more.

## A. Basics of Fractions

- 1. What is a fraction?
- 2. Write 1/2 in words.
- 3. Identify the numerator in 3/4.
- 4. Identify the denominator in 7/8.
- 5. Is 5/5 a whole number?
- 6. Write 1 whole as a fraction.
- 7. Write 2/2 as a whole number.
- 8. Write 0 as a fraction.
- 9. Write 3/3 as a whole.
- 10. Which part of the fraction tells the total number of parts?

# B. Identifying Fractions

- 11. Shade 1/2 of a rectangle.
- 12. What fraction of the stars are colored?
- 13. Write the fraction for 3 shaded parts out of 5.
- 14. How many equal parts are there in 1/4?
- 15. What does 3/5 mean?

# C. Types of Fractions

- 16. What is a proper fraction?
- 17. What is an improper fraction?
- 18. What is a mixed fraction?
- 19. Convert 5/3 to a mixed number.
- 20. Convert 1 2/3 to an improper fraction.

# D. Equivalent Fractions

- 21. Find an equivalent fraction to 1/2.
- 22. Are 2/4 and 1/2 equal?
- 23. Which is equal to 3/5: 6/10 or 5/10?
- 24. Make 3 equivalent fractions of 1/3.
- 25. Are 4/6 and 2/3 equivalent?

# E. Comparing Fractions

26. Which is greater: 1/2 or 3/4? 27. Which is smaller: 2/5 or 1/2? 28. Put in order: 1/4, 2/3, 1/2. 29. Which is greater: 5/6 or 6/7? 30. Are 2/4 and 3/6 equal?

# F. Adding Fractions (Like Denominators)

- 31. What is 1/4 + 2/4?
- 32. What is 3/5 + 1/5?
- 33. What is 2/7 + 4/7?
- 34. Add: 1/10 + 5/10 35. Add: 3/8 + 2/8

# G. Subtracting Fractions (Like Denominators)

- 36. What is 3/4 1/4?
- 37. Subtract: 5/6 2/6
- 38. What is 6/7 3/7?
- 39. What is 7/8 4/8?
- 40. What is 4/5 1/5?

# H. Adding & Subtracting (Unlike Denominators)

- 41. What is 1/2 + 1/3?
- 42. Add: 2/3 + 3/4
- 43. Subtract: 5/6 1/2
- 44. What is 3/5 + 1/2?
- 45. What is 7/10 1/4?

# I. Multiplying Fractions

46. Multiply: 1/2 × 1/2 47. What is 2/3 × 3/4? 48. Multiply: 4/5 × 5/6 49. Multiply: 7 × 1/2

# J. Dividing Fractions

51. What is 1/2 ÷ 1/2? 52. Divide: 3/4 ÷ 1/2 53. Divide: 2 ÷ 1/3 54. Divide: 1 ÷ 1/4 55. What is 4/5 ÷ 2/3?

# 🔽 K. Word Problems (Simple)

- 56. You ate 2/8 of a pizza. How much is left?
- 57. John drank 1/2 of the milk. How much remains?
- 58. Anna walked 3/5 of the way. What part remains?
- 59. A rope is cut into 4 equal parts. What fraction is one part?
- 60. If 5 friends share 1 pizza equally, what fraction does each get?

# L. Word Problems (Application)

- 61. Lisa ate 1/3 of a cake. Tom ate 2/3. How much did they eat in total?
- 62. A jug holds 1 liter. If you pour out 1/4 liter, how much remains?
- 63. A garden is watered 2/5 in the morning and 1/5 in the evening. What part of the garden was watered?
- 64. If 2/3 of a class are girls, what fraction are boys?
- 65. A ribbon is 3/4 meter long. If you cut 1/2 of it, how much is cut?

# M. Converting Fractions and Decimals

- 66. Convert 1/2 to decimal.
- 67. Convert 3/4 to decimal.
- 68. Convert 1/5 to decimal.
- 69. Convert 0.5 to a fraction.
- 70. Convert 0.25 to a fraction.

## N. Fractions on Number Line

- 71. Mark 1/2 on a number line.
- 72. Show 1/4 on the number line.
- 73. Which number is halfway between 0 and 1?
- 74. Show 3/4 on a number line.
- 75. Is 2/3 greater than 1/2 on the number line?

## O. Simplifying Fractions

- 76. Simplify 2/4
- 77. Simplify 6/8
- 78. Simplify 10/20
- 79. Simplify 12/18
- 80. Simplify 25/35



## P. Mixed Numbers & Improper Fractions

- 81. Convert 5/2 to a mixed number.
- 82. Convert 2 1/4 to an improper fraction.
- 83. Convert 9/4 to a mixed number.
- 84. Convert 3 3/5 to an improper fraction.
- 85. Convert 13/5 to a mixed number.

# Q. True or False

- 86. 1/2 = 2/4 (T/F)
- 87.3/6 = 1/2 (T/F)
- 88. 5/5 = 0 (T/F)
- 89.  $1 \frac{1}{2} = \frac{3}{2} (T/F)$
- 90. 0.75 = 3/4 (T/F)



## R. Fill in the Blanks

# S. Choose the Correct Answer

- 96. What is 1/2 + 1/4?
  - a) 3/4
  - b) 1/2
  - c) 2/4
- 97. What is 2/3 1/3?
  - a) 1/2
  - b) 1/3
  - c) 1/6
- 98. Which is greater?
  - a) 3/5
  - b) 2/3
- 99. What is  $1/3 \times 3$ ?
  - a) 3
  - b) 1
  - c) 0
- 100. What is 1/2 of 12?
  - a) 6
  - b) 4
  - c) 8

Would you like this as a printable worksheet, quiz, flashcards, or in MCQ format?

## **Patterns**

Here are the **Top 100 Questions on Patterns**, thoughtfully categorized to cover **visual**, **number**, **shape**, **color**, **and logical patterns**, suitable for early learners to upper primary students.

# \* A. Visual Patterns (Shapes, Colors, Sizes)

- What comes next: 
   Fill in the blank: 
   ▲ ▲ ▲ ▲ ●
- 3. Which shape comes next:
- 4. What's missing:
- 5. What pattern do you see: ▲ ▼ ▲ ▼ ▲ \_\_\_
- 6. Continue the pattern:
- 7. Identify the pattern:

- 8. Complete the sequence:9. Circle the repeating unit:
- 10. What's next:

# B. Number Patterns (Skip Counting, Sequences)

- 11. What comes next: 2, 4, 6, 8, \_\_\_\_
- 12. Continue the pattern: 5, 10, 15, \_\_\_\_
- 13. What comes next: 1, 3, 6, 10, \_\_\_\_
- 14. Identify the rule: 100, 90, 80, \_\_\_\_
- 15. Fill in the blank: 2, 4, \_\_\_, 8, 10
- 16. Which number completes the pattern: 7, 14, 21,
- 17. Skip count by 3: 3, 6, 9, \_\_\_
- 18. Find the pattern: 81, 72, 63, \_\_\_\_
- 19. What comes next: 1, 2, 4, 8, \_\_\_\_
- 20. Identify the mistake: 5, 10, 15, 30, 25

# 🔠 C. Alphabet Patterns

- 21. What comes next: A, C, E, G,
- 22. Fill in the blank: Z, X, V, \_\_\_\_
- 23. What's the pattern: B, D, F,
- 24. Continue: M, N, O, \_\_\_\_
- 25. Which letter comes next: A, B, D, G,
- 26. Find the pattern: A, D, G, J, \_\_\_\_
- 27. Identify the rule: Z, Y, X, \_\_\_\_
- 28. Fill in: C, E, G, I, \_\_
- 29. What comes next: A, C, B, D, C, \_\_\_\_
- 30. Continue: A, Z, B, Y, \_\_\_\_

# 🧠 D. Logic-Based Patterns

- 31. What comes next: 2, 4, 3, 6, 5, \_\_\_\_
- 32. Fill in: 1, 4, 2, 5, 3, \_\_\_\_
- 33. What's missing: 3, 6, 12, 24, \_\_\_\_
- 34. Find the pattern: 10, 7, 4, 1, \_\_\_\_
- 35. Continue: 100, 50, 25, \_\_\_\_
- 36. What comes next: 5, 15, 45, \_\_\_\_
- 37. Identify: 11, 22, 33, 44, \_\_\_\_
- 38. Fill in: 1, 11, 21, \_\_\_\_

- 39. Which number completes: 9, 18, 36, \_\_\_\_
- 40. What's next: 1000, 100, 10, \_\_\_\_

## E. Geometric Patterns

- 41. Identify the pattern:
- 42. Fill in: ○, ●, ○, ●, \_\_\_
- 43. What comes next: • • •
- 44. Spot the symmetry in this pattern: ♦♦♦♦♦♦
- 45. Which comes next: ▼ ▲ ▼ ▲ \_\_
- 46. What is the repeating pattern:
- 47. Continue the pattern: ▲ ▲ ▼ ▼ ▲ ▲
- 48. Find the next shape:
- 49. Which shape repeats: ○●○●
- 50. Identify the odd one out:

## + F. Patterns in Addition/Subtraction

- 51. What comes next: 2, 5, 8, 11, \_\_\_\_
- 52. Continue the pattern: 30, 27, 24,
- 53. What's next: 1, 4, 9, 16, \_\_\_\_
- 54. Fill in: 50, 45, 40, \_\_\_\_
- 55. Continue: 0, 2, 6, 12,
- 56. Identify the operation: 2, 6, 18, 54, \_\_\_
- 57. Fill in the pattern: 100, 90, 81, \_\_\_\_
- 58. What's the rule: 5, 7, 10, 14, \_\_\_\_
- 59. Complete: 3, 9, 27, \_\_\_
- 60. Continue: 40, 80, 160, \_\_\_\_

## **G. Letter-Number Patterns**

- 61. A1, B2, C3, D4, \_\_\_\_
- 62. Z1, Y2, X3, \_\_\_\_
- 63. A2, C4, E6, \_\_\_\_
- 64. B1, D2, F3, \_\_\_\_
- 65. M13, N14, O15, \_\_\_\_
- 66. A1, C2, E3, \_\_\_\_
- 67. Z1, X2, V3, \_\_\_\_
- 68. L12, M13, N14, \_\_\_\_
- 69. A5, B10, C15, \_\_\_\_

## 🧮 H. Patterns in Multiplication & Division

71. Multiply pattern: 2, 4, 8, 16,
72. Divide pattern: 64, 32, 16,
73. Find the pattern: 3, 9, 27,
74. What comes next: 81, 27, 9,
75. Continue: 2, 6, 18, 54,
76. Multiply by 5: 5, 10, 15,
77. Divide by 2: 64, 32, 16,
78. Pattern of 10s: 10, 100, 1000,
79. Square numbers: 1, 4, 9, 16,
80. Cube numbers: 1, 8, 27, 64,

## I. Reasoning & Puzzles

81. What comes next: 1, 11, 21, 1211,
82. Complete: 2, 12, 1112,
83. What's the next palindrome number after 121?
84. Fill in the blank: _ + _ = Pattern
85. Reverse pattern: 1, 2, 3, 2, 1,
86. Mirror pattern: A, B, C, B, A,
87. Continue: 0, 1, 1, 2, 3, 5, (Fibonacci)
88. Which number fits: 1, 3, 6, 10,
89. Guess the missing number in 4, _, 12, 16
90. Identify the logic: 1, 2, 4, 7, 11,

## 🗩 J. Create Your Own Pattern

- 91. Create a pattern using 3 shapes.
- 92. Make a number pattern using skip counting.
- 93. Make a pattern with A and B.
- 94. Make a pattern using even numbers.
- 95. Create a pattern using circles and triangles.
- 96. Make a pattern of numbers from 1–100 using a rule.
- 97. Draw a shape pattern with 2 colors.
- 98. Make a pattern that includes an increasing number.
- 99. Create a pattern using your name's letters.
- 100. Make a pattern that ends with 25.

Would you like a worksheet, quiz format, or interactive flashcards based on these?

## Lines and shapes

Here are the Top 100 Questions on Lines and Shapes, ideal for students learning basic geometry. These questions are categorized into lines, angles, 2D and 3D shapes, properties, and reasoning. Suitable for grades 1–5.



## 📏 A. Lines (Types & Identification)

- 1. What is a line?
- 2. What is a line segment?
- 3. What is a ray?
- 4. What is a straight line?
- 5. What is a curved line?
- 6. Give an example of a line in real life.
- 7. Name the two endpoints of a line segment AB
- 8. What is an intersecting line?
- 9. What are parallel lines?
- 10. What are perpendicular lines?



## B. Drawing Lines

- 11. Draw a straight line.
- 12. Draw a line segment AB.
- 13. Draw two intersecting lines.
- 14. Draw two parallel lines.
- 15. Draw a ray starting from point P.



## C. Angles (Introductory)

- 16. What is an angle?
- 17. Name the parts of an angle.
- 18. What is a right angle?
- 19. What is an acute angle?
- 20. What is an obtuse angle?
- 21. How many degrees in a right angle?
- 22. How many degrees in a straight angle?

- 23. Name one object with a right angle.
- 24. Is an angle less than 90° acute or obtuse?
- 25. Can a triangle have a right angle?

## D. 2D Shapes – Identification

- 26. What is a 2D shape?
- 27. How many sides does a triangle have?
- 28. How many corners does a square have?
- 29. What shape has 4 equal sides and 4 right angles?
- 30. What shape has 3 sides and 3 corners?
- 31. What shape has no corners or sides?
- 32. How many sides does a rectangle have?
- 33. Name a shape with 5 sides.
- 34. Name a shape with 6 sides.
- 35. What is a circle?

## 🧠 E. Properties of 2D Shapes

- 36. Does a square have equal sides?
- 37. Do all rectangles have right angles?
- 38. Are all squares rectangles?
- 39. Can a triangle have equal sides?
- 40. Name a shape with opposite sides equal.

## F. Identifying Shapes in the Environment

- 41. What shape is a clock?
- 42. What shape is a book?
- 43. What shape is a pizza slice?
- 44. What shape is a window?
- 45. What shape is a coin?



## 🧊 G. 3D Shapes – Identification

- 46. What is a 3D shape?
- 47. Name a 3D shape with 6 faces.
- 48. How many faces does a cube have?

- 49. Name a 3D shape with a curved surface.
- 50. What is the name of a 3D shape like a ball?

## H. Properties of 3D Shapes

- 51. How many edges does a cube have?
- 52. How many corners does a cuboid have?
- 53. Name a 3D shape with a circular base.
- 54. Does a cylinder have vertices?
- 55. Which shape has no faces, edges, or vertices?

## 📰 I. Examples of 3D Shapes

- 56. What shape is a box?
- 57. What shape is an ice cream cone?
- 58. What shape is a ball?
- 59. What shape is a can?
- 60. What shape is a dice?

## J. Triangles

- 61. What is a triangle?
- 62. How many sides in a triangle?
- 63. Name three types of triangles.
- 64. What is an equilateral triangle?
- 65. What is an isosceles triangle?

# K. Quadrilaterals

- 66. What is a quadrilateral?
- 67. How many sides does a quadrilateral have?
- 68. Name two examples of quadrilaterals.
- 69. Is a rectangle a quadrilateral?
- 70. Can a kite be a quadrilateral?

## L. Sorting and Classifying Shapes

- 71. Group all shapes with curved sides.
- 72. Group all shapes with 3 sides.
- 73. Group shapes with only straight lines.
- 74. Sort shapes with more than 4 sides.
- 75. Sort shapes with right angles.

### 🧠 M. Reasoning and Comparison

- 76. Which shape has more sides: triangle or hexagon?
- 77. Which has more corners: square or circle?
- 78. Which has both curved and flat faces: cone or cube?
- 79. Can a square fit inside a circle?
- 80. Can a triangle have more than 3 sides?



## 📏 N. Lines and Shapes in Real Life

- 81. Find something shaped like a triangle in your home.
- 82. Name an object shaped like a cylinder.
- 83. What 3D shape is your schoolbag?
- 84. What shape is a traffic sign with 3 sides?
- 85. What shape is a slice of watermelon?



## 📚 O. True or False

- 86. A circle has no edges.
- 87. A cube has 8 corners.
- 88. A rectangle has all sides equal.
- 89. A cone has a flat face.
- 90. A triangle always has 4 sides.

## P. Fill in the Blanks

- 91. A square has \_\_\_\_ equal sides.
- 92. A sphere has \_\_\_\_ faces.
- 93. A cylinder has \_\_\_ curved surface(s).
- 94. A rectangle has \_\_\_\_ right angles.

## 🔄 Q. Multiple Choice Questions

- 96. Which shape has 0 corners?
  - a) Circle
  - b) Square
  - c) Triangle
- 97. A shape with 4 sides and 4 equal angles is:
  - a) Rectangle
  - b) Square
  - c) Triangle
- 98. A cone has:
  - a) 2 faces
  - b) 1 face
  - c) 3 faces
- 99. Which of these is a 3D shape?
  - a) Hexagon
  - b) Sphere
  - c) Circle
- 100. Which shape has 6 faces, 12 edges, and 8 vertices?
  - a) Cone
  - b) Sphere
  - c) Cube

Would you like these in worksheet, quiz, or flashcard format? I can also provide printable PDF versions or interactive versions!

### Measurement

Here are the Top 100 Questions on Measurement, carefully organized by topic and difficulty level. These questions are perfect for students in Grades 1-5 to build a solid understanding of length, weight, capacity, time, temperature, and money.

## A. Length & Distance

- 1. What is the standard unit of length in the metric system?
- 2. How many centimeters are in a meter?
- 3. Which is longer: 1 meter or 100 cm?
- 4. Convert 500 cm to meters.
- 5. What tool do we use to measure length?

- 6. Which is greater: 1 km or 1000 m?
- 7. How many millimeters are in a centimeter?
- 8. What is the length of a pencil best measured in?
- 9. If a rope is 2.5 meters long, how many centimeters is it?
- 10. What unit is used to measure the length of a school bus?

# M B. Weight (Mass)

- 11. What is the unit of weight in the metric system?
- 12. How many grams are in a kilogram?
- 13. Which is heavier: 2 kg or 2000 g?
- 14. What is used to measure weight?
- 15. A watermelon weighs 3 kg. How many grams is that?
- 16. What would you use to measure the weight of a bag of sugar?
- 17. Which unit is best for measuring a feather?
- 18. Convert 4500 g to kg.
- 19. How many grams are there in 2.5 kg?
- 20. Which is heavier: 3 kg or 2500 g?

# C. Capacity (Volume)

- 21. What is the standard unit of capacity?
- 22. How many milliliters are in 1 liter?
- 23. Which holds more: 1 L or 500 mL?
- 24. What would you use to measure a glass of milk: L or mL?
- 25. Convert 2500 mL to liters.
- 26. A jug holds 1.5 L. How many mL is that?
- 27. Which is the best unit to measure a bottle of perfume?
- 28. Convert 4.75 L to mL.
- 29. A bucket holds 10 L. How many mL is that?
- 30. What is the volume of a cup of tea (approx.)?



## D. Time

- 31. How many seconds are in a minute?
- 32. How many minutes in an hour?
- 33. How many hours in a day?
- 34. What tool do we use to measure time?
- 35. What time is it when the short hand is on 3 and the long hand is on 12?
- 36. What time is one hour after 9:00?

- 37. If school starts at 8:30 AM and ends at 2:30 PM, how long is the school day?
- 38. How many days in a week?
- 39. How many months in a year?
- 40. How many days are there in a leap year?

## E. Temperature

- 41. What instrument is used to measure temperature?
- 42. What is the unit of temperature?
- 43. What is the freezing point of water in Celsius?
- 44. What is the boiling point of water in Celsius?
- 45. What is the normal body temperature in Celsius?
- 46. Which is colder: 5°C or 15°C?
- 47. Which is hotter: 100°C or 40°C?
- 48. Convert 0°C to Fahrenheit.
- 49. If the temperature is 30°C, is it hot or cold?
- 50. What does a thermometer show?



## 🥇 F. Money

- 51. What is the currency of India?
- 52. How many paise in 1 rupee?
- 53. What coins make ₹10?
- 54. You have ₹5 and you buy something for ₹3. What's your change?
- 55. How many ₹2 coins make ₹20?
- 56. Which is more: ₹100 or ₹99.50?
- 57. Add ₹5 + ₹10 + ₹20.
- 58. Subtract ₹50 from ₹100.
- 59. Convert ₹2.50 to paise.
- 60. If a chocolate costs ₹15, how many can you buy with ₹60?



## G. Comparison and Estimation

- 61. Which is longer: 1 km or 500 m?
- 62. Estimate the height of a classroom door.
- 63. Estimate the weight of a school bag.
- 64. Which is heavier: a chair or a book?
- 65. Which holds more: a bathtub or a bucket?
- 66. Which is longer: 2 hours or 90 minutes?
- 67. Which container holds more: a 1.5 L bottle or a 750 mL bottle?

- 68. Estimate the time taken to brush your teeth.
- 69. Which costs more: ₹75 or ₹7.50?
- 70. Is 100°C cold or hot?

## H. Perimeter and Area (Introductory)

- 71. What is perimeter?
- 72. What is the perimeter of a square with side 4 cm?
- 73. What is area?
- 74. Find the area of a rectangle with length 5 cm and width 3 cm.
- 75. What is the unit of area?
- 76. What is the perimeter of a rectangle with length 6 m and width 4 m?
- 77. How many sides does a square have?
- 78. Which unit is used to measure the area of land?
- 79. What is the formula for area of a rectangle?
- 80. What is the formula for perimeter of a square?



## I. Word Problems (Mixed Concepts)

- 81. A road is 2.5 km long. How many meters is that?
- 82. A water tank holds 3000 mL. How many liters is that?
- 83. Rani bought 2 kg apples and 1.5 kg mangoes. What is the total weight?
- 84. A clock shows 7:45. What time will it be after 30 minutes?
- 85. You drank 250 mL of juice. The bottle had 1 liter. How much is left?

## 🗩 J. Multiple Choice Questions

- 86. How many cm in 1 m?
  - a) 10
  - b) 100
  - c) 1000
- $87.1 \text{ kg} = ___ \text{grams}.$ 
  - a) 10
  - b) 100
  - c) 1000
- 88. 1 liter = mL
  - a) 100
  - b) 500
  - c) 1000

```
89. ₹1 = ___ paise
```

- a) 10
- b) 100
- c) 1000
- 90. Which unit is best to measure milk?
  - a) meter
  - b) liter
  - c) gram



## 📝 K. True or False

- 91. 1 m = 100 cm (T/F)
- 92. 1 kg = 100 g (T/F)
- 93. Thermometer is used to measure height (T/F)
- 94. 5000 mL = 5 L (T/F)
- 95. ₹10 + ₹5 = ₹20 (T/F)



## <u>ん</u> L. Fill in the Blanks

```
96. 1 hour = ___ minutes
```

100. 
$$3.5 \text{ kg} = \underline{\hspace{1cm}} g$$

Would you like this list as a worksheet, quiz, flashcards, or in PDF format?

## Currency

Here are the **Top 100 Questions on Currency**, designed for students from Grade 1 to 5. These questions help build foundational knowledge of money identification, conversion, calculation, word problems, comparison, and reasoning, especially using Indian currency (₹ and paise), but also touching on international concepts.



## A. Basics of Currency (India)

- 1. What is the currency of India?
- 2. What is the symbol of the Indian Rupee?

- 3. How many paise are there in ₹1?
- 4. Name the Indian coins in circulation.
- 5. Name the Indian currency notes in circulation.
- 6. What does ₹5 coin look like?
- 7. What color is the ₹2000 note?
- 8. Which note is violet in color?
- 9. Which coin has the highest value in India?
- 10. Which is the smallest value coin still used?

# 💱 B. Currency Conversion

- 11. Convert ₹5 into paise.
- 12. Convert ₹2.50 into paise.
- 13. How many ₹2 coins make ₹10?
- 14. How many ₹1 coins make ₹100?
- 15. How many 50 paise coins make ₹10?
- 16. Convert 150 paise into rupees.
- 17. Convert ₹75 into paise.
- 18. How many 25 paise coins make ₹5?
- 19. Convert ₹12.50 to paise.
- 20. Convert 500 paise to rupees.

## + C. Addition of Currency

- 21. Add ₹10 + ₹5 + ₹2 = ?
- 22. Add ₹25.50 and ₹13.75 = ?
- 23. Add ₹50 and ₹100 and ₹20 = ?
- 24. Add ₹15 and 50 paise = ?
- 25. Add ₹22.50 + ₹30.25 = ?

## D. Subtraction of Currency

- 26. Subtract ₹10 from ₹50.
- 27. If you have ₹100 and spend ₹35, how much is left?
- 28. Subtract ₹75.50 from ₹100.
- 29. ₹90 ₹25 = ?
- 30. ₹100 ₹99.50 = ?

# X 🛖 E. Multiplication & Division of Currency

- 31. If one pen costs ₹10, what is the cost of 5 pens?
- 32. If 1 chocolate costs ₹15, what is the cost of 10 chocolates?
- 33. If a toy costs ₹50, how many can you buy with ₹250?
- 34. If 4 pencils cost ₹20, what is the cost of 1 pencil?
- 35. If ₹100 is shared among 4 people, how much does each get?

## 💰 F. Money Word Problems (Simple)

- 36. Riya has ₹10. She buys a chocolate for ₹7. How much is left?
- 37. A pen costs ₹12 and a notebook costs ₹18. What is the total?
- 38. You buy 2 pencils for ₹5 each. What is the total cost?
- 39. A book costs ₹45. You give ₹50. How much change do you get?
- 40. Rahul has ₹100. He buys items worth ₹95. How much is left?

# 🧠 G. Money Word Problems (Advanced)

- 41. You buy 3 pens for ₹18 each and a diary for ₹60. Find the total.
- 42. A bag costs ₹250. You pay with ₹500. How much change do you get?
- 43. Neha spends ₹150 on groceries, ₹75 on vegetables, and ₹100 on fruits. Total?
- 44. A shopkeeper sells 5 toys for ₹60 each. What is the total amount?
- 45. You save ₹10 daily. How much will you save in a week?

# H. International Currency (Introductory)

- 46. What is the currency of the United States?
- 47. What is the currency of the United Kingdom?
- 48. What is the currency of Japan?
- 49. What is the currency of the European Union?
- 50. What is the currency of China?

## 🔁 I. Currency Comparison

51. Which is more: ₹50 or ₹500? 52. Which is less: ₹100 or ₹90.50? 53. Which is more: 300 paise or ₹2? 54. Which is greater: ₹2.50 or ₹250?

## J. Making Amounts with Coins

- 56. Make ₹5 using ₹1 and ₹2 coins.
- 57. Make ₹10 using ₹5 and ₹2 coins.
- 58. Make ₹20 using only ₹10 coins.
- 59. Make ₹100 using ₹50, ₹20 and ₹10 notes.
- 60. Make ₹30 using ₹10 and ₹5 coins.



## K. Estimating & Rounding Currency

- 61. Round ₹12.75 to the nearest rupee.
- 62. Estimate total of ₹49.99 + ₹51.20.
- 63. Is ₹45.10 close to ₹50?
- 64. Round ₹89.55 to nearest 10.
- 65. Estimate change from ₹200 if the item costs ₹123.



### L. True or False

- 66. ₹100 = 1000 paise (T/F)
- 67. ₹5.50 = 550 paise (T/F)
- 68. ₹0.75 = 75 paise (T/F)
- 69. ₹200 > ₹199.99 (T/F)
- 70. ₹50 = 5 × ₹10 (T/F)



### M. Fill in the Blanks

- 71. ₹10 + ₹5 = ₹\_\_\_
- 72. ₹2.50 = \_\_\_ paise
- 73. ₹20 ₹12 = ₹\_\_\_\_
- 74. 4 × ₹25 = ₹\_\_\_
- 75. ₹100 ÷ 5 = ₹



## N. Multiple Choice Questions

- 76. Which is the highest value note?
  - a) ₹100
  - b) ₹200
  - c) ₹2000
- 77. How many ₹2 coins in ₹20?
  - a) 10
  - b) 20
  - c) 5
- 78. ₹250 ₹100 = ?
  - a) ₹50
  - b) ₹150
  - c) ₹200
- 79. What is 75 paise in rupees?
  - a) ₹0.75
  - b) ₹7.5
  - c) ₹75
- 80. Which note is purple in color?
  - a) ₹10
  - b) ₹100
  - c) ₹200

# O. Application and Logic

- 81. If 3 notebooks cost ₹90, what is the cost of one?
- 82. You have ₹1,000 and buy shoes worth ₹750. What is left?
- 83. You buy 4 mangoes for ₹60. What is the cost of 1 mango?
- 84. You are given ₹150 and spend ₹75. How much will you return?
- 85. A water bottle costs ₹65. How many bottles can you buy for ₹325?

# P. Currency Vocabulary and Usage

- 86. What does the word "change" mean in shopping?
- 87. What does "balance" mean?
- 88. What is "cost price"?
- 89. What is "selling price"?
- 90. What is "discount"?

# 🧩 Q. Challenge Questions

91. How many ways can you make ₹10 with ₹5 and ₹2 coins?

- 92. Create a bill of items worth ₹150.
- 93. You have ₹500. Spend exactly ₹500 using any combination.
- 94. Write five items and their prices.
- 95. You need to buy 3 items under ₹100. List them.

## 🮨 R. Activity-Based Questions

- 96. Make a shopping list worth ₹250.
- 97. Role play as a shopkeeper and customer.
- 98. Design your own currency note.
- 99. Write a story involving buying and selling.
- 100. Create a menu with prices and calculate a bill.

Would you like this in a PDF, worksheet, MCQ quiz, or interactive flashcards format? I can also include visual images of coins/notes if needed.

### Time

Here are the Top 100 Questions on Time, ideal for students from Grades 1 to 5, organized by concepts such as reading clocks, units of time, elapsed time, calendar, AM/PM, real-life applications, and more.

## A. Units of Time

- 1. How many seconds are in a minute?
- 2. How many minutes are in an hour?
- 3. How many hours are in a day?
- 4. How many days are in a week?
- 5. How many weeks are in a month (approx.)?
- 6. How many months are in a year?
- 7. How many days are in a year?
- 8. How many days are in a leap year?
- 9. How many hours are in two days?
- 10. How many minutes are there in 2.5 hours?

## 🗑 B. Reading Analog Clocks

11. What time is shown if the hour hand is on 6 and minute hand is on 12?

- 12. What time is it when the hour hand is between 2 and 3, and minute hand on 6?
- 13. Draw the time: 4:30.
- 14. Show 7:15 on a clock.
- 15. What time is it if the short hand is on 9 and long hand on 3?
- 16. What does half past 8 mean?
- 17. What time is quarter past 6?
- 18. What time is quarter to 10?
- 19. If it is 12:00 now, what time will it be in 3 hours?
- 20. What time will it be one hour before 5:00?

## C. Digital Time

- 21. What is 6:00 AM in digital format?
- 22. What is 2:30 PM in digital format?
- 23. Write 15 minutes past 4 in digital time.
- 24. Write 9:45 in words.
- 25. Is 00:00 midnight or noon?

## 🧠 D. AM and PM

- 26. What does AM stand for?
- 27. What does PM stand for?
- 28. Is 7:00 in the morning AM or PM?
- 29. Is 9:00 at night AM or PM?
- 30. What time is 12:00 AM?

## 📆 E. Calendar and Days

- 31. Name the 7 days of the week.
- 32. How many days are in the month of January?
- 33. Which months have 30 days?
- 34. Which is the shortest month?
- 35. What month comes after April?
- 36. What month is before December?
- 37. What day comes after Wednesday?
- 38. What day comes before Monday?
- 39. How many Sundays are in a week?
- 40. How many months start with the letter "J"?



## 🔀 F. Elapsed Time (How long?)

- 41. If a movie starts at 2:00 PM and ends at 4:30 PM, how long is it?
- 42. School starts at 8:30 AM and ends at 2:30 PM. How many hours?
- 43. A game begins at 5:15 PM and ends at 6:00 PM. How long was it?
- 44. You sleep from 10 PM to 6 AM. How many hours do you sleep?
- 45. A flight lasts 3 hours. If it starts at 7:00, what time will it land?



### 🏅 G. Time Conversion

- 46. Convert 120 seconds into minutes.
- 47. Convert 180 minutes into hours.
- 48. Convert 1.5 hours into minutes.
- 49. How many seconds are in 2.5 minutes?
- 50. How many hours are in 360 minutes?

# + H. Add Time

- 51. What is 1 hour after 11:00?
- 52. What is 30 minutes after 2:15?
- 53. What is 45 minutes after 5:30?
- 54. Add 1 hour 30 minutes to 9:00.
- 55. What is the time 2 hours and 15 minutes after 6:45?

## I. Subtract Time

- 56. What is 1 hour before 3:00?
- 57. What is 20 minutes before 4:00?
- 58. Subtract 45 minutes from 8:00.
- 59. What was the time 1 hour and 20 minutes ago if it is 10:00 now?
- 60. What is 2 hours before 6:15?



## 🧮 J. Time Problems (Word Problems)

- 61. You left home at 7:30 AM and reached school at 8:00 AM. How long did it take?
- 62. Dinner started at 8:15 PM and ended at 9:00 PM. What is the duration?
- 63. A train departs at 2:45 PM and takes 3 hours. What time does it arrive?
- 64. A bus journey lasted 2 hours 30 minutes. If it started at 10:00, when did it end?

## K. Time Estimation

- 66. Estimate the time taken to brush your teeth.
- 67. Estimate the time needed to watch a movie.
- 68. Estimate the time it takes to walk 1 km.
- 69. Estimate how long a school lesson lasts.
- 70. Estimate how long it takes to boil an egg.

# L. True or False

- 71. There are 24 hours in a day.
- 72. There are 100 seconds in a minute.
- 73. A week has 8 days.
- 74. There are 60 minutes in an hour.
- 75. 2:00 PM is in the morning.

### 🖍 M. Fill in the Blanks

- 76. 1 minute = seconds
- 77. 1 hour = \_\_\_ minutes
- 78. 1 day = \_\_\_ hours
- 79. February has \_\_\_\_ days (non-leap year)
- 80. 1 week = \_\_\_ days

# N. Multiple Choice Questions

- 81. How many hours are there in 3 days?
  - a) 24
  - b) 48
  - c) 72
- 82. Which is longer?
  - a) 2 minutes
  - b) 120 seconds
  - c) both are equal
- 83. What time is half past 10?
  - a) 10:00

- b) 10:30
- c) 11:30
- 84. What is the 7th day of the week?
  - a) Friday
  - b) Saturday
  - c) Sunday
- 85. How many months have 31 days?
  - a) 5
  - b) 7
  - c) 12

# 🔄 O. Sequencing and Patterns in Time

- 86. What comes after Monday?
- 87. What comes two days after Wednesday?
- 88. Name the months in order from January to December.
- 89. Name the seasons in order.
- 90. What month comes before June?

# 🧠 P. Reasoning and Puzzles

- 91. If it's 4:15 now, what time will it be in 2 hours and 45 minutes?
- 92. You eat breakfast at 7:30 and lunch at 1:00. How much time is between?
- 93. If the clock shows 6:00 now, what was the time 2 hours ago?
- 94. A birthday party lasts from 4:30 PM to 6:15 PM. How long is it?
- 95. You sleep 8 hours. What time must you go to bed to wake up at 6:00 AM?

## Q. Activities and Real-Life Connections

- 96. Write your daily routine with times.
- 97. Draw a clock showing your favorite time of day.
- 98. List 5 activities you do in the morning.
- 99. List 5 activities you do in the evening.
- 100. Make a timetable for your school day.

Would you like these in **worksheet**, **quiz**, **flashcard**, or **PDF format**? I can also create **interactive activities** with clocks and calendars!

## **Data Handling**

Here are the Top 100 Questions on Data Handling, perfect for students in Grades 1 to 5. These questions help build foundational understanding of collecting, organizing, representing, and interpreting data using pictographs, tally marks, bar graphs, tables, charts, and real-life scenarios.

## 📊 A. Understanding Data

- 1. What is data?
- 2. Why do we collect data?
- 3. Give an example of data from your classroom.
- 4. What does it mean to organize data?
- 5. How is data useful in real life?
- 6. Name two ways to collect data.
- 7. What is a survey?
- 8. Give an example of a survey question.
- 9. What is the first step in data handling?
- 10. What tools can we use to organize data?

# 📌 B. Tally Marks

- 11. What is a tally mark?
- 12. How many lines make one group of tally marks?
- 13. Show tally marks for the number 4.
- 14. Show tally marks for the number 7.
- 15. Convert these tally marks into numbers: |||| |||
- 16. How do you write 10 in tally marks?
- 17. If you have 3 apples, 4 oranges, and 5 bananas, show with tally marks.
- 18. Count and represent pets in a classroom using tally marks.
- 19. What is the benefit of using tally marks?
- 20. Which number comes after ||| ||||?

## C. Pictographs

- 21. What is a pictograph?
- 22. What do the pictures in a pictograph represent?
- 23. In a pictograph, if  $\stackrel{\bullet}{=}$  = 2 apples, what does  $\stackrel{\bullet}{=}$   $\stackrel{\bullet}{=}$   $\stackrel{\bullet}{=}$  represent?
- 24. If one smiley corresents 5 students, how many students are shown by



- 25. What is the key in a pictograph?
- 26. Draw a pictograph showing favorite fruits of 10 children.
- 27. How can pictographs help in understanding data?
- 28. Which fruit is most liked in your pictograph?
- 29. Which fruit is least liked?
- 30. Can you use different symbols in pictographs?

# 📋 D. Bar Graphs

- 31. What is a bar graph?
- 32. What are the parts of a bar graph?
- 33. What is the X-axis in a bar graph?
- 34. What is the Y-axis in a bar graph?
- 35. What do the bars represent in a bar graph?
- 36. Draw a simple bar graph showing number of pets.
- 37. Which category has the highest bar?
- 38. Which category has the lowest bar?
- 39. Can bar graphs be horizontal?
- 40. What are the advantages of a bar graph?

## E. Tables and Charts

- 41. What is a data table?
- 42. How do you make a data table?
- 43. Show your weekly schedule in a table.
- 44. Create a table showing rainfall in 4 months.
- 45. How do you read data from a chart?
- 46. What is a frequency chart?
- 47. Why are tables useful in data handling?
- 48. What does a table help you compare?
- 49. Create a chart for number of students who wear glasses.
- 50. Use a table to show modes of transport used by classmates.

## 🔢 F. Reading and Interpreting Data

- 51. What is the most common item in this data set?
- 52. What is the least common item?
- 53. How many students like football if the bar height is 8?
- 54. In a pictograph, each 🍩 = 10 donuts. There are 5 🍩. How many donuts?
- 55. Which mode of transport is used by the fewest students?

- 56. Which animal is liked by the most students?
- 57. In a tally chart, how many students prefer vanilla ice cream?
- 58. Interpret this bar graph: [Insert simple graph]
- 59. Interpret this pictograph: [Insert simple pictograph]
- 60. What question can you ask using this data?

# 🧠 G. Analyzing and Comparing

- 61. Compare students who like red vs. blue.
- 62. What is the difference between highest and lowest values?
- 63. Which category shows equal results?
- 64. If 3 more students choose cycling, how does the graph change?
- 65. What happens to the pictograph if one symbol = 2 students instead of 1?



## 📝 H. Word Problems on Data

- 66. 10 students like mangoes, 5 like bananas. How many like fruits in total?
- 67. In a class, 6 boys and 9 girls play chess. Total players?
- 68. A survey shows 12 walk to school, 8 cycle, and 10 come by bus. How many total?
- 69. If a bar graph shows 15 children like drawing, how many do not if class has 25?



## 📚 I. Data Collection Activities

- 71. Count the number of letters in your classmates' names.
- 72. Survey your class on favorite color.
- 73. Record how many pencils each student has.
- 74. Count number of windows in each room at school.
- Record types of shoes worn in class.



# 📈 J. Create Your Own Graph

- 76. Make a bar graph for number of books read in a month.
- 77. Create a pictograph of fruits eaten this week.
- 78. Draw a tally chart of vehicles passing your street in 10 minutes.
- 79. Design a table of daily temperatures.
- 80. Make a bar graph for scores in a math quiz.



## K. Understanding Terms

- 81. What does "frequency" mean in data handling?
- 82. What is a "key" in a pictograph?
- 83. What does "analyze" mean?
- 84. What is a "scale" in a bar graph?
- 85. What is a "category" in data?



### L. True or False

- 86. A pictograph always uses numbers.
- 87. Tally marks are grouped in 5s.
- 88. Bar graphs can help compare data.
- 89. Tables are not used in data handling.
- 90. One symbol in a pictograph can represent more than one item.



### M. Fill in the Blanks

91.	Α	tally	of 5	is v	vritten	as		
വ	lո	a ha	rar	nh	tho		ahay	

- 92. In a bar graph, the \_\_\_\_ shows categories.
- 93. In a pictograph, each picture has a \_\_\_\_.
- 94. A table is made of \_\_\_ and \_\_\_.
- 95. A chart helps to \_\_\_\_ information.

## N. Multiple Choice Questions

- 96. What is used to represent data in a pictograph?
  - a) Numbers
  - b) Pictures
  - c) Lines
- 97. Which tool is best to show exact numbers?
  - a) Tally chart
  - b) Pictograph
  - c) Table
- 98. In a bar graph, the taller the bar, the:
  - a) Less it shows
  - b) More it shows
  - c) Same always

- 99. Which chart uses groups of 5 marks?
  - a) Pictograph
  - b) Tally chart
  - c) Line chart
- 100. What does a survey do?
  - a) Confuse people
  - b) Collect information
  - c) Erase data

Would you like this in worksheet, quiz, interactive, or PDF format? I can also provide sample graphs and activities if needed!