

Division Questions for Class 4: Division is an important math skill that helps students learn how to share and split numbers into equal parts. For Class 4 students understanding division is important as it builds a foundation for more advanced math concepts in the future.

Division questions are presented in fun and relatable scenarios making it easier for young learners to grasp the concept. By solving division problems students not only enhance their arithmetic skills but also improve their problem-solving abilities. This introduction to division questions aims to make learning enjoyable and help students become confident in their math skills.

What is Division?

Division is one of the four basic arithmetic operations in mathematics. It involves splitting a number (the dividend) into equal parts or groups. The result of division is called the quotient. For example, if you have 12 apples and you want to divide them among 3 friends equally, each friend would receive 4 apples.

In this case, 12 is the dividend, 3 is the divisor (the number of groups), and 4 is the quotient (the result of the division). Division can also be thought of as the opposite of multiplication. If you know that 3 times 4 equals 12, you can also say that 12 divided by 3 equals 4. Understanding division helps in everyday situations, such as sharing items, measuring quantities and solving problems in more advanced math.

Division Formula

The division formula can be expressed in a simple mathematical equation:

$$\text{Dividend} \div \text{Divisor} = \text{Quotient}$$

Where:

- **Dividend** is the number you want to divide.
- **Divisor** is the number you are dividing by.
- **Quotient** is the result of the division.

Division Questions for Class 4 Overview

These division questions for Class 4 has been created by subject experts of Physics Wallah to help young learners master the concept of division in a fun and engaging way. Each question is created to provide practical scenarios that allow students to apply their division skills to real-life situations.

By working through these questions students will develop a solid understanding of how to divide numbers, reinforce their problem-solving abilities and build confidence in their math skills. This overview aims to guide Class 4 students in practicing division effectively while enjoying the learning process.

Division Questions for Class 4 PDF

The PDF link for Division Questions for Class 4 is available below. This resource contains a variety of division problems created to help students practice and enhance their division skills.

Students can use this PDF to work through the questions at their own pace reinforcing their understanding of division concepts. Click the link below to access the PDF and start practicing.

Division Questions for Class 4 PDF

Division Questions for Class 4

Here are examples of division questions for Class 4 along with their answers:

Q.1. If there are 30 candies and 5 friends want to share them equally, how many candies will each friend get?

Answer: $30 \div 5 = 6$ candies per friend

Q.2. A farmer has 24 apples. He wants to put them in bags with 6 apples in each bag. How many bags does he need?

Answer: $24 \div 6 = 4$ bags

Q.3. A teacher has 48 books and wants to distribute them equally among 8 students. How many books will each student receive?

Answer: $48 \div 8 = 6$ books per student

Q.4. A pizza is cut into 12 equal slices. If 4 friends want to share the pizza equally, how many slices will each friend get?

Answer: $12 \div 4 = 3$ slices per friend

Q.5. A carpenter has 36 wooden boards and wants to stack them in piles of 9 boards each. How many piles can he make?

Answer: $36 \div 9 = 4$ piles

Q.6. There are 45 oranges that need to be packed into baskets with 9 oranges in each basket. How many baskets are needed?

Answer: $45 \div 9 = 5$ baskets

Q.7. If you have 60 chocolates and you want to share them equally among 10 friends, how many chocolates will each friend receive?

Answer: $60 \div 10 = 6$ chocolates per friend

Q.8. A box contains 40 crayons. If you divide them equally into 8 smaller boxes, how many crayons will each box contain?

Answer: $40 \div 8 = 5$ crayons per box

Q.9. There are 36 cupcakes to be shared among 6 kids. How many cupcakes will each kid get

Answer: $36 \div 6 = 6$ cupcakes per kid

Q.10. You have 50 stickers and want to give them to 5 friends equally. How many stickers will each friend get?

Answer: $50 \div 5 = 10$ stickers per friend

Q.11 If there are 72 toys and 9 children want to share them equally, how many toys will each child receive?

Answer: $72 \div 9 = 8$ toys per child

Q.12. A pack contains 28 chocolate bars. If you want to divide them into packs of 4 bars each, how many packs can you make?

Answer: $28 \div 4 = 7$ packs

Q.13. A school has 54 pencils to distribute among 6 classrooms. How many pencils will each classroom receive?

Answer: $54 \div 6 = 9$ pencils per classroom

Q.14. If you have 90 books and want to share them equally among 10 friends, how many books will each friend get?

Answer: $90 \div 10 = 9$ books per friend

Q.15. A jar contains 80 marbles. If you want to divide them into groups of 10, how many groups will you have?

Answer: $80 \div 10 = 8$ groups

Tips and Tricks to Solve Division Questions for Class 4

Here are some helpful tips and tricks to solve division questions for Class 4 students:

1. Understand the Terms:

- **Dividend:** The number you are dividing.
- **Divisor:** The number you are dividing by.
- **Quotient:** The result of the division.
- **Remainder:** The amount left over after division if the dividend does not divide evenly.

2. Estimate First:

- Before dividing, make an estimate of the answer. This helps you check if your final answer is reasonable.

3. Use Long Division:

- For larger numbers, use the long division method. Write the dividend inside the division bracket and the divisor outside. This method helps keep your calculations organized.

4. Divide Step by Step:

- Divide the numbers in steps. Start with the leftmost digit of the dividend and see how many times the divisor fits into it. Write the quotient above the dividend and subtract to find the remainder.

5. Bring Down the Next Digit:

- If the divisor does not fit into the current digit, bring down the next digit from the dividend and repeat the division process.

6. Check Your Work:

- After finding the quotient, multiply the quotient by the divisor and add any remainder. If this equals the original dividend, your answer is correct.

7. Practice with Word Problems:

- Solve word problems by identifying keywords. For example, "each," "shared," and "divided" often indicate division.

8. Use Multiplication Facts:

- Familiarize yourself with multiplication tables. Knowing these can help you quickly find how many times the divisor fits into parts of the dividend.

9. Break Down Large Numbers:

- If a number is too large, break it down into smaller parts. For example, instead of dividing 1440 by 12 all at once, divide 1200 by 12 and then 240 by 12 separately.

10. Use Visual Aids:

- Draw pictures or use objects (like blocks or counters) to visualize the division process. This can make it easier to understand.

11. Practice Regularly:

- The more you practice, the more comfortable you will become with division. Try different types of problems to build your skills.