

Objective

By the end of this lesson, you will be able to divide double-digit numbers with ease.

Materials and Prep

- A pen or pencil
- A piece of paper
- A calculator (optional)
- Basic understanding of multiplication

Activities

- Activity 1: Division Practice

Write down a few double-digit numbers on your piece of paper. Divide each number by a single-digit number of your choice. Use long division method if you are comfortable with it. If not, you can use a calculator to check your answers.

- Activity 2: Division Story Problems

Create your own division story problems using double-digit numbers. Solve them and check your answers. You can also challenge a friend or a family member to solve your story problems.

- Activity 3: Division Art

Use your division skills to create a piece of division-themed art. For example, you can create a drawing of a pizza and divide it into equal slices. Be creative and have fun!

Talking Points

- When we divide, we are splitting a number into equal groups.
- For example, if we have 24 and we want to divide it by 3, we are trying to find out how many groups of 3 are in 24.
- Let's start by dividing the tens place. In our example, 24 divided by 3, we have 2 tens. So, we write down 20 as our first digit in the quotient.
- Now, let's move to the ones place. We have 4 ones left. We want to know how many groups of 3 we can make with 4 ones.
- Since 3 can't go into 4 evenly, we have to carry over one of the tens to the ones place. Now, we have 14 ones.
- Now, we can divide 14 ones by 3. We can make 4 groups of 3 with 12 ones. We have 2 ones left over.
- So, our final answer is 8 with a remainder of 2. 24 divided by 3 equals 8 remainder 2.
- Remember, when you divide, you can always check your answer by multiplying the quotient with the divisor and adding the remainder.

- For example, in our case, 8 multiplied by 3 plus 2 equals 24.
- Keep practicing and you will become a division expert!