

School-Home Letter

Dear Family,

During the next few weeks, our math class will be learning about division facts and strategies. We will learn strategies to use to divide by 2, 3, 4, 5, 6, 7, 8, 9, and 10. We will also learn the order of operations rules to solve problems involving more than one operation.

You can expect to see homework that provides practice with dividing by these divisors.

Here is a sample of how your child will be taught to divide.

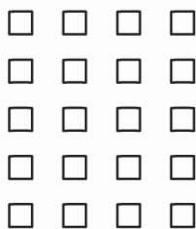
MODEL Use an Array

This is how we can use arrays to divide.

STEP 1

$$20 \div 4 = \blacksquare$$

Draw rows of 4 tiles until you have drawn all 20 tiles.



STEP 2

Count the number of rows to find the quotient.

There are 5 rows of 4 tiles.

$$\text{So, } 20 \div 4 = 5.$$

Tips

Use a Related Multiplication Fact

Since division is the opposite of multiplication, using a multiplication fact is another way to find a quotient. To divide 20 by 4, for example, think of a related multiplication fact: $4 \times \blacksquare = 20$.
 $4 \times 5 = 20$.
 So, $20 \div 4 = 5$.

Vocabulary

array An arrangement of objects in rows and columns

equation A number sentence that uses the equal sign to show that two amounts are equal

order of operations A special set of rules that gives the order in which calculations are done to solve a problem

related facts A set of related multiplication and division equations

Activity

Provide 12 pennies. Have your child make as many arrays as possible using all 12 pennies. Have your child write a division equation for each array.