



Family Letter for Unit 4

Dear Family,

During the next few weeks, our math class will be learning about and practicing division of whole numbers.

You can expect to see work that provides practice with dividing numbers with up to four digits by one- and two-digit numbers.

As we use division to learn about prime and composite numbers, you may wish to use this sample as a guide.

Vocabulary

prime number A whole number that has only itself and 1 as factors.

composite number A whole number that has more than two factors.

divisible One number is divisible by another if the quotient is a whole number and the remainder is 0.

average The number found by dividing the sum of a set of numbers by the number of addends.

Prime and Composite Numbers

You can use the factors of a number to tell if the number is prime or composite.

| Examples of Prime Numbers | | Examples of Composite Numbers | |
|---------------------------|----------|-------------------------------|-----------------------|
| Prime Number | Factors | Composite Number | Factors |
| 2 | 1 and 2 | 4 | 1, 2, and 4 |
| 5 | 1 and 5 | 10 | 1, 2, 5, and 10 |
| 13 | 1 and 13 | 12 | 1, 2, 3, 4, 6, and 12 |

Notice that each number has exactly two factors.

Notice that each number has more than two factors.

The number 2 is the only prime even number.
The number 1 is neither prime nor composite.

During this unit, students should continue to practice and memorize basic multiplication and division facts.

Sincerely,

Your Child's Teacher



Technology

Check out *Education Place* at eduplace.com/kids/mwl/ for e•Glossary, e•Word Games, test prep practice, and more.