

School-Home Letter



Dear Family,

Throughout the next few weeks, our math class will be working with factors, multiples, prime numbers, and patterns. The students will learn to find factors, decide if a number is prime, and work with number patterns.

Here is a sample of how your child will be taught to find the factors of a number.

Vocabulary

common factor A number that is a factor of two or more numbers

common multiple A number that is a multiple of two or more numbers

composite number A whole number greater than 1 that has more than two factors

pattern An ordered set of numbers or objects; the order helps you predict what will come next

prime number A number that has exactly two factors: 1 and itself

term A number or object in a pattern

The Multilingual Glossary is available online.

Model Find Factor Pairs

Find all the factor pairs for 24.

| Factors of 24 | |
|--------------------|-------|
| $1 \times 24 = 24$ | 1, 24 |
| $2 \times 12 = 24$ | 2, 12 |
| $3 \times 8 = 24$ | 3, 8 |
| $4 \times 6 = 24$ | 4, 6 |

TIPS

Divisibility

A whole number is divisible by another whole number when the quotient of the first number divided by the second number is a whole number and the remainder is 0.

Activity

Explore divisibility when the opportunity arises. For instance, show your child that 10 coins can be split into groups of 2 with nothing left over. What about groups of 3? When 10 is split into groups of 3, there is 1 left over. So, 2 divides evenly into 10, but 3 does not. Two is a factor of 10, but 3 is not a factor of 10. Use eggs, tool sets, books, photos, and other sets of objects in this way to find the numbers that divide evenly into a larger number.