

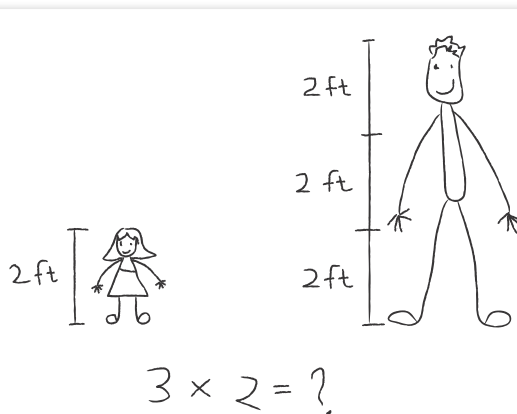
Dear Family,

Our class is starting a new mathematics unit about multiplication. In this unit, students review multiplication facts and solve problems by using arrays, such as the examples below. They also solve problems about factors of a number and number relationships, such as this one: If 25 is a factor of 100, will 25 also be a factor of 300? How do you know? Students are introduced to multiplicative comparison problems.

Throughout the unit, students will be working toward these goals:

Use multiplication to solve multiplicative comparison problems.

Franco's daughter is 2 feet tall. Franco is 3 times as tall as his daughter. How tall is he?



Determine whether numbers up to 100 are prime or composite.

Is 49 prime or composite? How do you know?

It is composite because $1 \times 49 = 49$ and $7 \times 7 = 49$ so 49 has more than 2 factors.

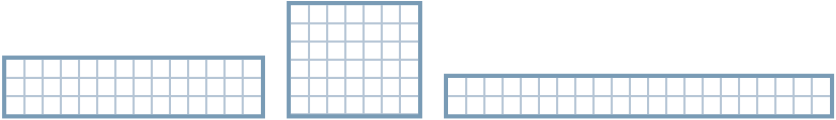



NAME _____

DATE _____

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About the Mathematics in This Unit

Benchmarks/Goals	Examples
Find factors of numbers up to 100 and recognize multiples of single-digit numbers.	 <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> 3×14 or 14×3 </div> <div style="text-align: center;"> 6×7 or 7×6 </div> <div style="text-align: center;"> 2×21 or 21×2 </div> </div> <div style="text-align: center; margin-top: 20px;">  1×42 or 42×1 </div>

Students will work on multiplication and division in two other Grade 4 units later this year. In these units, they solve problems with larger numbers and share a variety of solution strategies.

In our math class, students spend time discussing problems in depth and are asked to share their reasoning and solutions. It is most important that children accurately and efficiently solve math problems in ways that make sense to them. At home, encourage your child to explain his or her math thinking to you.

Please look for more information and activities that will be sent home in the coming weeks.