



## Adv. Mathematics Family Letter, Unit 1

Dear Family,

We are off to an exciting year in math. The first unit focuses on understanding whole numbers through the billions period, rounding, as well as building number sense.

It is imperative that your child knows each standard as well as how to apply the standards in daily situations.

Below you will find the standards and examples that will help your child master this unit.

Standard	Examples
Place Value to the billions	<u>6</u> 04,725,986,213 The place value of the 6 is <u>hundred billion</u>
Identify the value of a given digit	The value of the 6 is six hundred billion
Writing numbers in: standard form word form expanded form	386 Three hundred eighty-six $300 + 80 + 6$
Rounding nearest 1,000 nearest 10,000 nearest 100,000 nearest 1,000,000	6,342,258 rounds to 6,342,000 6,342,258 rounds to 6,340,000 6,342,258 rounds to 6,300,000 6,342,258 rounds to 6,000,000
Describe situations in which rounding numbers would be appropriate.	Give your child real-life situations that they can use to round numbers.

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 and explain their thinking.** At home, encourage your child to explain the math thinking that supports those solutions.

Sincerely,

The Fourth Grade Team