Chapter 4: Addition and SubtractionWithin 10,000

- **Homework due date:** Sunday, September 29th
- **Test on Tuesday, September 24th (Practice test available on IXL Quizzes)**

- **Feel free to contact me with any questions or concerns at diana.charaf@archimedean.org**

Please complete homework daily based on the schedule provided below:

Monday, Sept. 23rd	Lesson H7F on IXL
Tuesday, Sept. 24th	No HW - Open House
Wednesday, Sept. 25th	Lessons GSY and RPC on IXL
Thursday, Sept. 26th	Lesson XSH on IXL
Friday, Sept. 27th	Lesson CBA on IXL

School-Home Letter

Dear Family,

During the next few weeks, our math class will be learning about addition and subtraction strategies for numbers within 10,000.

You can expect to see homework that provides practice with using expanded form and place-value strategies as well as solving two-step addition and subtraction problems.

Here is a sample of how your child will be taught to use place value to solve addition problems.

TIPS

Using the Place-Value Strategy

When using the place-value strategy to add, your student may forget to regroup and instead write a 2-digit number in one place. Have them draw vertical lines between digits, and remind them that only one digit can go in each place.

Model Use Place-Value Strategies

There are two ways we will be adding 3-digit numbers.

Use expanded form.

Break apart the addends. Start with the hundreds. Then add each place value.

$$367 = 300 + 60 + 7$$
$$+ 512 = 500 + 10 + 2$$
$$800 + 70 + 9$$

Add the sums.
$$800 + 70 + 9 = 879$$

So, $367 + 512 = 879$.

Use place value.

$$\begin{array}{r} \overset{1}{448} \\ + 175 \\ \hline 3 \end{array}$$
Step 1: Add the ones. Regroup the ones as tens and ones.

$$\begin{array}{r} \overset{1\,1}{448} \\ + 175 \\ \hline 23 \end{array}$$
Step 2: Add the tens. Regroup the tens as hundreds and tens.

$$\begin{array}{r} \overset{1\,1}{448} \\ + 175 \\ \hline 623 \end{array}$$
Step 3: Add the hundreds.