

School-Home Letter

Dear Family,

Throughout the next few weeks, our math class will be studying decimals. We will be naming, comparing, ordering, and rounding decimals through thousandths. We will also be adding and subtracting decimals through hundredths.

You can expect to see homework that includes adding and subtracting decimals through hundredths.

Here is a sample of how your child will be taught to add decimals.

Vocabulary

decimal A number with one or more digits to the right of the decimal point

difference The result of subtracting two numbers

place value The value of each digit in a number based on the location of the digit

sum The result of adding two or more numbers

thousandth One of one thousand equal parts

MODEL Adding Decimals

Add 12.78 and 31.14.

STEP 1

Estimate the sum.

12.78 is about 13.

31.14 is about 31.

$13 + 31 = 44$

STEP 2

Write the problem with the decimal points aligned. Add the hundredths first. Then, add the tenths, ones, and tens. Regroup as needed.

$$\begin{array}{r} 1 \\ 12.78 \\ +31.14 \\ \hline 43.92 \end{array}$$

Tips

Adding and Subtracting Decimals

Always remember to align numbers on the decimal point when adding or subtracting decimals. That way, you are adding or subtracting the same place values.

Activity

Collect store advertisements from the newspaper. Have your child practice adding and subtracting decimals by writing and solving problems that involve money using the store advertisement.