

Dear Family,

During the next few weeks, our math class will be learning more about fractions, as well as relating fractions and decimals.

You can expect to see work that provides practice with fraction and decimal relationships.

As we learn about the relationship between fractions and decimals, you may wish to use this sample as a guide.

Vocabulary

decimal A number with one or more digits to the right of a decimal point. For example, 3.5 is a decimal.

decimal point A symbol used to separate the ones and tenths places in a decimal.

tenths One or more of ten equal parts of a whole

hundredths One or more of one hundred equal parts of a whole

Write a Fraction as a Decimal

Use a hundredths grid to help write $\frac{1}{4}$ as a decimal.

Step 1 Divide the grid into 4 equal parts. Shade the grid to show $\frac{1}{4}$.

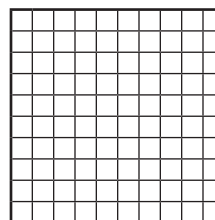
Step 2 Count the number of small squares shaded to write an equivalent fraction with 100 in the denominator.

$$\frac{1}{4} = \frac{25}{100}$$

Step 3 Write $\frac{25}{100}$ as a decimal.

$$\frac{25}{100} = 0.25$$

So, $\frac{1}{4} = 0.25$.



Knowing about fraction and decimals will help students solve problems they encounter at school, at home, and in the community.

Sincerely,

Your Child's Teacher



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