



Family Letter for Unit 7

Dear Family,

During the next few weeks, our math class will be learning about ratio, proportion, percent, and probability.

You can expect to see work that provides practice that provides practice with writing percents as fractions, and fractions as percents. Here are two samples you may want to keep handy to give help if needed.

Vocabulary

ratio A comparison between two quantities.

percent (%) A special ratio that compares a number to 100.

probability The chance that an event will occur.

Writing Percents as Fractions

Example: Write 32 percent as a fraction.

Write the percent as a fraction with a denominator of 100.

$$32\% = \frac{32}{100}$$

Write the fraction in simplest form.

$$\frac{32}{100} = \frac{32 \div 4}{100 \div 4} \rightarrow \frac{8}{25}$$

Writing Fractions as Percents

Example: Write $\frac{3}{4}$ as a percent.

Write an equivalent fraction with a denominator of 100.

$$\frac{3 \times 25}{4 \times 25} = \frac{75}{100}$$

Since percent means per hundred, 75 out of one hundred means 75%.

$$\frac{75}{100} = 75\%$$

You can help your child develop these skills by discussing percents found in advertisements and by estimating the tip on restaurant bills.

Sincerely,



Technology

Check out *Education Place* at eduplace.com/kids/mw/ for e•Glossary, e•Word Games, test prep practice, and more.