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 with writing percents as fractions, and fractions as percents. Here are two samples you may want to keep handy to give help if needed.

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

Sincerely,

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**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.

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**Writing Percents as Fractions**

**Example:** Write 32 percent as a fraction.

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

\[
\frac{32}{100} = \frac{32}{100} \div 4 = \frac{8}{25}
\]

Write the fraction in simplest form.

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**Writing Fractions as Percents**

**Example:** Write \(\frac{3}{4}\) as a percent.

Write an equivalent fraction with a denominator of 100. 

\[
\frac{3}{4} = \frac{3 \times 25}{4 \times 25} = \frac{75}{100}
\]

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

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**Technology**

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