

Name _____

Analyze and Solve Percent Problems

Dear Family,

Your child is learning to solve problems involving percents. He or she is learning to apply proportions and the percent equation to a variety of contexts, including percent change, percent markup and markdown, percent error, and simple interest.

Here is an activity to help your child practice using percents.

Find the Best Markdown

Materials: Store advertisements from newspaper inserts or sale signs in stores

As you are shopping or looking through advertisements with your child, look for signs that give an original price and a sale price. Ask your child to calculate the percent markdown. Record the original price, sale price, and percent markdown for several items. Then determine which item had the greatest percent markdown.

Observe Your Child

Focus on Mathematical Practices

Reason abstractly and quantitatively.

Help your child become proficient with this Mathematical Practice. Ask him or her whether the greatest percent markdown is also the markdown of the greatest amount. Discuss why a markdown given as a percent does not tell the amount of the markdown in dollars.