SCHOOL-to-HOME CONNECTIONS

Chapter 10

Percent

Dear Family,

In this chapter, your child will learn about percent. Skills your child will practice include:

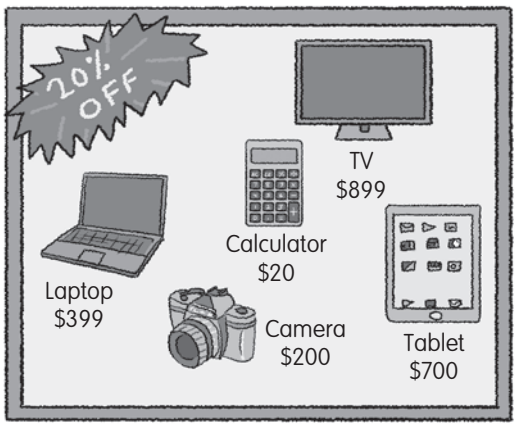
- relating percent to parts of a whole, where the whole is made up of 100 equal parts
- relating and comparing percents, decimals, and fractions
- expressing fractions as percent and vice versa
- expressing decimals as percent and vice versa
- finding the percent of a quantity, given the amount and the percent
- solving real-world problems involving percent

Math Practice

Everyday life provides numerous opportunities to work with percents. At the end of this chapter, you may want to carry out this activity with your child. This activity will help to strengthen your child's understanding of percent.

Activity

- Gather newspapers, catalogs, or flyers and choose some items that are on promotion.
- Ask your child to calculate the amount of discount or the discounted price for each item.



Math Talk

Discuss the meaning of the word **percent**. Percent means 'out of 100.'

Help your child understand that a percent is a part of 100, and that it can be expressed as a fraction or decimal form. For example:

15% is equivalent to 15 parts out of 100, or $\frac{15}{100}$.

$\frac{15}{100}$ is equivalent to 0.15.

Use the following to discuss how to find a percent by writing an **equivalent fraction**, and how to express a percent as a fraction.

$$\frac{1}{5} \xrightarrow{\times 20} \frac{20}{100} = 20\%$$

$$15\% = \frac{15}{100} \xrightarrow{\div 5} \frac{3}{20}$$



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