Lesson 28: Solving Percent Problems

Classwork

**Example**

If an item is discounted , the sale price is what percent of the original price?

If the original price of the item is , what is the dollar amount of the discount?

How much is the sale price?

Exercise

The following items were bought on sale. Complete the missing information in the table.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Item** | **Original Price** | **Sale Price** | **Amount of Discount** | **Percent Saved** | **Percent Paid** |
| **Television** |  |  |  |  |  |
| **Sneakers** |  |  |  |  |  |
| **Video Games** |  |  |  |  |  |
| **MP3 Player** |  |  |  |  |  |
| **Book** |  |  |  |  |  |
| **Snack Bar** |  |  |  |  |  |

Problem Set

Lesson Summary

Percent problems include the part, whole, and percent. When one of these values is missing, we can use tables, diagrams, and models to solve for the missing number.

1. The Sparkling House Cleaning Company has cleaned houses this week. If this number represents of the total number of houses the company is contracted to clean, how many total houses will the company clean by the end of the week?
2. Joshua delivered hives to the local fruit farm. If the farmer has paid to use of the total number of Joshua’s hives, how many hives does Joshua have in all?