

Name _____

Homework _____

Percent Word Problems

1. A dress selling for \$37.50 was reduced by 25%.

What is the amount of the reduction? _____

What is the new price? _____

If there is a 5% sales tax, find the cost of the dress. _____

2. The Nelson family income is \$29,780 a year. They plan to use the following budget.:

Food: 20%

Shelter: 25%

Clothing: 15%

Savings: 5%

All other expenses: 35%

How much will they allow for each item? Food: _____

Shelter: _____ Clothing: _____ Savings: _____ Other: _____

3. The total number of students in a school is 2,340. If 45% of the students are girls, how many boys are there?

4. A salesperson earns $12\frac{1}{2}\%$ commission. What is the commission earned on a sale of \$16,000?

5. Nancy got a 15% increase in her salary. If her salary last year was 19,750, what is her new salary?

6. A real estate tax rate is 6.75% per year. If a house is assessed at 23,450 what is the yearly tax paid?

7. Two stores were having a sale on \$48 sneakers. Store A was selling them at 30% off and store B was selling them at $\frac{2}{5}$ off the original price. Which store was offering the better deal? Why? How much do the shoes cost at this store?

8. Jackets that originally sold for \$30 were on sale at a department store. In the men's department the jackets were marked 20% off, and in the women's department they were marked $\frac{4}{5}$ of the original price. The sale price was \$24. How is this possible?