

Name \_\_\_\_\_



# Homework 16-1

## Taxes

### Another Look!

Emma's employer deducts 20% from her wages in payroll taxes. How much is deducted when Emma earns \$460?



Remember: 20% means 0.2.

$$\begin{array}{r} \$460 \longleftarrow 0 \text{ decimal places} \\ \times 0.2 \longleftarrow + 1 \text{ decimal place} \\ \hline 92.0 \longleftarrow 1 \text{ decimal place} \end{array}$$

\$92 is deducted in payroll taxes.

For 1 through 6, find the cost with sales tax for each purchase price. Assume that the sales tax is 7%, or 0.07 times the price.

1. \$17

2. \$63

3. \$37

4. \$59

5. \$82

6. \$44

7. Janie's employer deducts 20%, 0.2 times her wages, in payroll taxes. How much is deducted when Janie earns \$675?

8. Val's employer deducts 20%, 0.2 times his wages, in payroll taxes. How much is deducted when Val earns \$421?

9. How much property tax must be paid each month when the property tax is \$1,176 a year?

10. How much property tax must be paid each month when the property tax is \$1,644 a year?

Remember: There are 12 months in one year.



Name \_\_\_\_\_

1. Some of the **taxes** people pay to support government are **sales tax, payroll taxes, and property tax.**

Payroll taxes are deducted from a person's paycheck.

What is the total amount of Zachary's payroll taxes?

**Zachary Tate's Payroll Taxes**

Federal Income Tax	\$47.40
Social Security	\$24.49
Medicare	\$5.73
	<u>                    </u>
	\$ _____

2. Zachary bought a television priced at \$269. The sales tax was 7%, which means 0.07 times the price.

You can multiply to find the sales tax on the television.

$$\begin{array}{r} 269 \\ \times 0.07 \\ \hline \end{array}$$

The sales tax is \$ \_\_\_\_\_.

3. Zachary's property tax is \$1,692 per year. He pays his property tax in equal monthly payments.

You can divide to find how much property tax he pays each month.

$$12 \overline{)1,692}$$

Zachary pays \$ \_\_\_\_\_ a month.

4. Look at Exercise 2. What is the total amount Zachary paid for the television with sales tax?

\$ \_\_\_\_\_

5. Look at Exercise 3. Zachary's house payment is \$882 per month before the property tax payment. How much does he pay each month for the house payment and property tax combined?

\$ \_\_\_\_\_

## On the Back!

6. Joann bought a printer priced at \$114. The sales tax was 8%, which means 0.08 times the price. What is the total amount Joann paid for the printer with sales tax?