

**Sales Tax****Numeric Response**

1. Many state, county, and city governments charge a sales tax on certain products when purchased. The formula for calculating the tax is shown below.

$$\text{Sales Tax} = \text{Sales Tax Rate} \times \text{Total Selling Price}$$

$$\text{Total Purchase Price} = \text{Total Selling Price} + \text{Sales Tax}$$

A store in Illinois advertised a hiking equipment package for \$122.39. Catalina Norton plans to make a purchase of the equipment. If the sales tax rate is 6.3%, how much will she pay in sales tax? Express your answer as a dollar amount to the nearest cent.

2. Many state, county, and city governments charge a sales tax on certain products when purchased. The formula for calculating the tax is shown below.

$$\text{Sales Tax} = \text{Sales Tax Rate} \times \text{Total Selling Price}$$

$$\text{Total Purchase Price} = \text{Total Selling Price} + \text{Sales Tax}$$

A store in Kentucky advertised a camping equipment package for \$252.01. Maria Johnson plans to make a purchase of the equipment. If the sales tax rate is 6.8%, how much will she pay for the purchase including sales tax? Express your answer as a dollar amount to the nearest cent.

3. Many state, county, and city governments charge a sales tax on certain products when purchased. The formula for calculating the tax is shown below.

$$\text{Sales Tax} = \text{Sales Tax Rate} \times \text{Total Selling Price}$$

$$\text{Total Purchase Price} = \text{Total Selling Price} + \text{Sales Tax}$$

A store in Kentucky advertised a hunting equipment package for \$119.35. Juan Norton plans to make a purchase of the equipment. If the sales tax rate is 4.4%, how much will he pay for the purchase including sales tax? Express your answer as a dollar amount to the nearest cent.

4. Many state, county, and city governments charge a sales tax on certain products when purchased. The formula for calculating the tax is shown below.

$$\text{Sales Tax} = \text{Sales Tax Rate} \times \text{Total Selling Price}$$

$$\text{Total Purchase Price} = \text{Total Selling Price} + \text{Sales Tax}$$

A store in Kentucky advertised a camping equipment package for \$107.50. Bruce Rameriz plans to make a purchase of the equipment. If the sales tax rate is 6.5%, how much will he pay in sales tax? Express your answer as a dollar amount to the nearest cent.

5. Many state, county, and city governments charge a sales tax on certain products when purchased. The formula for calculating the tax is shown below.

$$\text{Sales Tax} = \text{Sales Tax Rate} \times \text{Total Selling Price}$$

$$\text{Total Purchase Price} = \text{Total Selling Price} + \text{Sales Tax}$$

Maria Rameriz went to a store in Kentucky and purchased the following items. She bought some rope for \$11.56, 2 cases of shells for \$64.87 each, 4 water bottles for \$10.82 each, and a pair of boots for \$97.06. How much did Maria pay in sales tax which was at 6.1%? Express your answer as a dollar amount to the nearest cent.

6. Many state, county, and city governments charge a sales tax on certain products when purchased. The formula for calculating the tax is shown below.

$$\text{Sales Tax} = \text{Sales Tax Rate} \times \text{Total Selling Price}$$

$$\text{Total Purchase Price} = \text{Total Selling Price} + \text{Sales Tax}$$

Bruce Stevens went to a store in Illinois and purchased the following items. He bought some straps for \$21.59, 2 tires for \$61.90 each, 3 water bottles for \$11.21 each, and a pair of boots for \$95.25. How much did Bruce pay for the purchase including sales tax which was at 5.6%? Express your answer as a dollar amount to the nearest cent.

7. Many state, county, and city governments charge a sales tax on certain products when purchased. The formula for calculating the tax is shown below.

$$\text{Sales Tax} = \text{Sales Tax Rate} \times \text{Total Selling Price}$$

$$\text{Total Purchase Price} = \text{Total Selling Price} + \text{Sales Tax}$$

Steve Johnson went to a store in Kentucky and purchased the following items. He bought some straps for \$12.52, 2 cases of shells for \$70.37 each, 5 quarts of fuel for \$10.31 each, and a pair of binoculars for \$122.14. How much did Steve pay in sales tax which was at 7.7%? Express your answer as a dollar amount to the nearest cent.

8. Many state, county, and city governments charge a sales tax on certain products when purchased. The formula for calculating the tax is shown below.

$$\text{Sales Tax} = \text{Sales Tax Rate} \times \text{Total Selling Price}$$

$$\text{Total Purchase Price} = \text{Total Selling Price} + \text{Sales Tax}$$

Catalina Norton went to a store in Kansas and purchased the following items. She bought some net for \$24.08, 2 cases of shells for \$71.92 each, 5 water bottles for \$12.72 each, and a back pack for \$81.53. How much did Catalina pay for the purchase including sales tax which was at 6.9%? Express your answer as a dollar amount to the nearest cent.

## Sales Tax Answer Section

### NUMERIC RESPONSE

1. ANS: 7.71  
PTS: 1
2. ANS: 269.15  
PTS: 1
3. ANS: 124.60  
PTS: 1
4. ANS: 6.99  
PTS: 1
5. ANS: 17.18  
PTS: 1
6. ANS: 289.63  
PTS: 1
7. ANS: 25.18  
PTS: 1
8. ANS: 334.65  
PTS: 1

