

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 fishing equipment package for \$227.19. Bruce Rameriz plans to make a purchase of the equipment. If the sales tax rate is 4.4%, how much will he 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.

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A store in Colorado advertised a skiing equipment package for \$208.79. Juan Escalante plans to make a purchase of the equipment. If the sales tax rate is 6.8%, how much will he 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.

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

A store in Kentucky advertised a hunting equipment package for \$229.99. Catalina Johnson plans to make a purchase of the equipment. If the sales tax rate is 4.7%, how much will she pay for the purchase including sales tax? Express your answer as a dollar amount to the nearest cent.

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

A store in Illinois advertised a fishing equipment package for \$143.65. Juan Galentino plans to make a purchase of the equipment. If the sales tax rate is 7.2%, 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.

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

Juan Johnson went to a store in Kentucky and purchased the following items. He bought some rope for \$11.32, 3 pairs of skis for \$90.99 each, 4 water bottles for \$12.44 each, and a back pack for \$85.65. How much did Juan pay in sales tax which was at 5.3%? Express your answer as a dollar amount to the nearest cent.

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

Maria Galentino went to a store in Kentucky and purchased the following items. She bought some straps for \$17.72, 3 tires for \$84.15 each, 4 quarts of fuel for \$12.66 each, and a pair of binoculars for \$115.28. How much did Maria pay for the purchase including sales tax which was at 4.7%? 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.

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Maria Johnson went to a store in Kentucky and purchased the following items. She bought some rope for \$16.31, 2 rods and reels for \$65.65 each, 2 quarts of fuel for \$12.69 each, and a pair of boots for \$129.16. How much did Maria pay in sales tax which was at 8.4%? 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.

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Steve Galentino went to a store in Colorado and purchased the following items. He bought some straps for \$6.52, 3 tires for \$59.75 each, 5 water bottles for \$13.84 each, and a back pack for \$84.88. How much did Steve pay for the purchase including sales tax which was at 6.2%? Express your answer as a dollar amount to the nearest cent.

Sales Tax
Answer Section

NUMERIC RESPONSE

1. ANS: 10.00

PTS: 1

2. ANS: 222.99

PTS: 1

3. ANS: 240.80

PTS: 1

4. ANS: 10.34

PTS: 1

5. ANS: 22.24

PTS: 1

6. ANS: 456.59

PTS: 1

7. ANS: 25.38

PTS: 1

8. ANS: 360.92

PTS: 1

