

## A sales tax is

## The total purchase price



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 \$163.09. Bruce Norton plans to make a purchase of the equipment. If the sales tax rate is 7.19%, how much will he pay in sales tax? Express your answer as a dollar amount to the nearest cent.



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A store in Colorado advertised a hunting equipment package for \$271.53. Bruce Stevens plans to make a purchase of the equipment. If the sales tax rate is 5.3%, how much will he pay for the purchase including sales tax? Express your answer as a dollar amount to the nearest cent.

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A store in Illinois advertised a skiing equipment package for \$165.78. Catalina Escalante plans to make a purchase of the equipment. If the sales tax rate is 6.9%, 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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Steve Galentino went to a store in Illinois and purchased the following items. He bought some straps for \$5.74, 3 rods and reels for \$94.94 each, 4 quarts of fuel for \$12.72 each, and a pair of boots for \$82.42. How much did Steve pay for the purchase including sales tax which was at 7.4%? Express your answer as a dollar amount to the nearest cent.

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Steve Johnson went to a store in Kentucky and purchased the following items. He bought some rope for \$13.41, 3 cases of shells for \$81.58 each, 5 mess kits for \$10.15 each, and a pair of boots for \$124.25. How much did Steve pay in sales tax which was at 8.1%? Express your answer as a dollar amount to the nearest cent.

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Maria Stevens went to a store in Colorado and purchased the following items. She bought some straps for \$19.82, 3 cases of shells for \$52.35 each, 5 water bottles for \$13.76 each, and a pair of boots for \$106.53. How much did Maria pay for the purchase including sales tax which was at 8.2%? Express your answer as a dollar amount to the nearest cent.