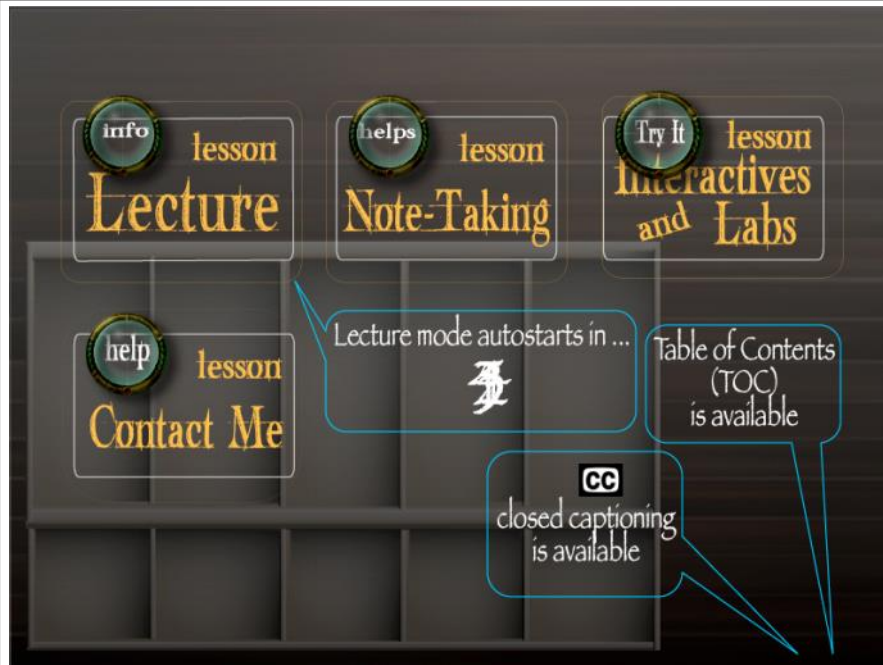


Sales Tax

Monday, February 27, 2012
9:25 PM

Slide



Notes

Sales Tax - Given to you to add it in

Be sure to line up the decimal points, bring the decimal straight down, and include the dollar symbol if it isn't already provided for you.

\$10.00
+ \$0.47

\$10.47

When you buy something, you don't just pay the price on the price tag. You have to remember the invisible price tag of sales tax too. Sales tax is usually a percentage of the total sale that you pay that goes to local or state government to pay for services it provides such as building roads and road maintenance.

When you are doing these purchase story problems, you will sometimes just be told what the total tax is. You just add it in when that happens.

Sales Tax - Calculate it

If all you have is the tax rate, scale it up to where it is that much over 1.00 and multiply.



$$\begin{array}{r} 1.08 \\ \times 10 \\ \hline \$10.80 \end{array}$$

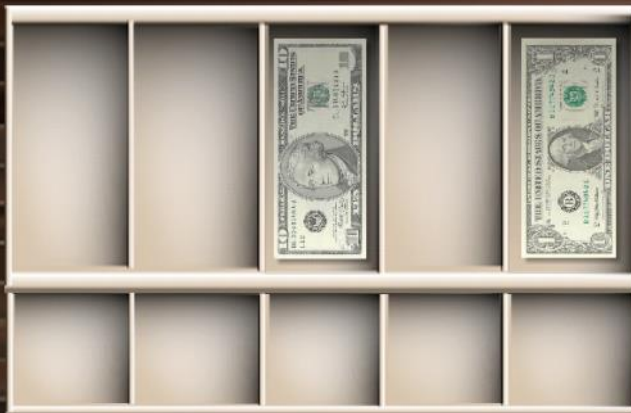
Sometimes you will have to calculate the sales tax. You will be told what the percentage is and you will need to find out the total cost.

To do these, just remember that not only do you want the amount of the sales tax, but you also want the amount of the purchase in it too.

If you have an 8% sales tax and you need the total price including tax, you really need 100% of the sales price and then 8 additional percent. That is a total of 108%. Just convert that to a decimal by moving the decimal point two places and multiply.

The total cost will be \$10.80.

Now it is your turn to calculate the total cost.



$$\begin{array}{r} \$10.00 \\ + \$0.40 \\ \hline \$ \end{array}$$

Submit



The interface features a dark wood-grain background. At the top right, two orange price tags are displayed: one with "\$10" and another with "5% sales tax". Below these, a white shelf contains two \$10 bills. To the right of the shelf is a white price tag with the calculation $1.05 \times \$10$ and a blank box for the result, preceded by a dollar sign "\$". A green "Submit" button is located below the price tag.

Congratulations!
You have completed this topic.



The interface shows a dark wood-grain background with the congratulatory text. Below the text is an empty white shelf with ten compartments.