Percentages: $\frac{\%}{100} = \frac{part}{whole}$ % increase/decrease = $\frac{final - original}{original}$

Discounts $\frac{\%}{100} = \frac{discount}{original}$ *SUBTRACT discount from the original	A sweater costs $40 originally. It is on sale for 25% off. How much is the discount? The sale price? You spent $52 on a suit jacket. The original price was $80. How much was the discount rate?	A sled originally cost $79. You have a coupon for 20% off. How much is the sled after the coupon? An ipod is on sale for $160. It originally cost $200. How much was the discount rate?
Tax $\frac{\%}{100} = \frac{tax}{original}$ *ADD tax to the original	The watch you want to buy is $55. Maryland has a 6% sales tax. How much is the tax? The total cost? The price of a pair of sunglasses before taxes is $45. When you go to buy them, you have to pay $47.25. What is the tax rate for the sunglasses?	Original price of an MP3 player is $99.50. The state tax is 8%. How much is the tax? The total cost? Before tax, a sofa costs $650. After tax, it costs $676. What is the tax rate?
Tip $\frac{\%}{100} = \frac{tip}{original}$ *ADD tip to the original	At Olive Garden, your family received the check for $53.50. You want to leave a 20% tip. What is the cost of the tip? The whole meal? At Famous Dave's, you and your friends paid $95 for a bill of $80. What percentage of tip did you give?	Lindsey goes to a restaurant and orders a meal that costs $12. She leaves an 18% tip. What is the cost of the tip? The whole meal? At Don Pablo's, Mr. Mitchell paid $122 for a bill of $100. What percentage tip did he give?