

- 1.) Bonnie buys a new computer priced at \$1100.
She pays a 5.5% shipping fee.
How much did shipping cost her?

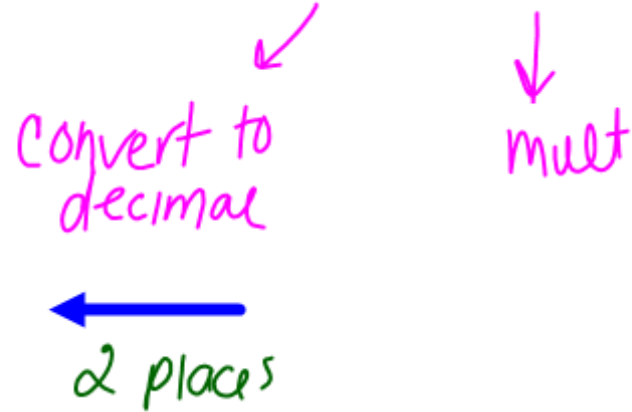
$$0.055(1100) = \$60.50$$

- 2.) Randy buys a new calculator.
It is priced at \$128, but it's on sale for 8% off.
How much does he pay for the calculator?

$$0.08(128) = 10.24$$

$$128 - 10.24 = \$117.76$$

"Percent of" something



Sale or discount -----> Subtract from total

tax, shipping, tip -----> add to total

52.40 18% tip

$$\text{tip} \rightarrow .18 (52.40) = \textcircled{9.43}$$

$$\text{total} \rightarrow 9.43 + 52.40 = \text{\$} 61.83$$

- 1.) Mark sees a new DVD player regularly priced at \$159.99. He has a coupon for a 12% discount. After the discount, he is charged 6.5% sales tax. How much money does Mark need to buy the DVD player?

total cost

6.5%

$$\textcircled{1} \text{ discount} \Rightarrow 159.99 (.12) = \textcircled{19.20}$$

$$\textcircled{2} 159.99 - 19.20 = 140.79 \text{ (subtotal)}$$

$$\textcircled{3} \text{ tax} \Rightarrow 140.79 (.065) = \textcircled{9.15}$$

$$\textcircled{4} 140.79 + 9.15 = \boxed{149.94}$$

- 2.) Mandy sees a new MP3 player for \$79.99. The store is offering an 8% discount and then another 5% mail-in discount. How much would the MP3 player cost after these discounts?

$$8\% = .08$$

$$5\% = .05$$

$$\textcircled{1} \text{ discount} \Rightarrow 79.99 (.08) = \textcircled{6.40}$$

$$\textcircled{2} 79.99 - 6.40 = 73.59 \text{ (subtotal)}$$

$$\textcircled{3} \text{ discount} \Rightarrow 73.59 (.05) = \textcircled{\$3.68}$$

$$\textcircled{4} 73.59 - 3.68 = \boxed{\$69.91}$$