

Show your work even if you are using a calculator.

1. Dan buys a new sweater that cost \$108. If sales tax is 8%, find the total cost.
2. Timmy's total miles he ran for the week increased from 6 miles to 13 miles by the end of the cross country season. What was his percent increase?
3. I bought a DVD for \$22.99 and it was discounted 20%. What was the original price?
4. Tom bought a new phone for \$150. The original price was \$200. What was the **percent discount?** (M-step)
5. James deposited \$75 in the bank at 8.5% for 4 years. How much interest did she earn?
6. Zoey wants a new coat that is \$82. This weekend it's going to be marked 25% off. How much will she save?

7. Sammy goes out to lunch with friends. The total bill comes to \$50.45. Sammy wants to leave a 15% tip. How much money will she leave for a tip?
8. Jenna and Erin were featured on TLC's show Extreme Couponing. While their bill came to \$225.20, they only paid \$200.08. What was the percent decrease? **Round to the nearest whole percent.**
9. Angel bought a toaster for \$8.99 on eBay. Angel was charged 5% sales tax and a \$2.99 shipping charge. Traci bought the same toaster on Amazon. The toaster was 15% off its original price of \$16.99. There was no tax and no shipping charged on his toaster. Did Traci get a better deal than Angel? **Show all work and write a sentence.** (M-Step)

Angel

Traci

Final price Angel paid:

Final price Traci paid:

Did Traci get a better deal than Angel? Explain.

10. I estimated that I needed 80 chairs for the party. It turned out I actually needed 95. What was my percent error? **Round to the nearest whole percent.**
11. Tony earned \$45 in interest. He had his money in the bank for 6 months at a rate of 6%. Find the amount of principal.
12. The store paid \$155 for the television, but **marked it up** by 18%. What was the selling price?