MATH 105 Percentage Change

1. BestBuy has a Asus Flip C101PA 2-in-1 10.1-inch Touch-Screen Chromebook with 4GB RAM and a 16GB eMMC Flash Memory drive on sale for \$239.99.

- (a) If the original price for this Chromebook was \$299.99, what is the percentage change in the price? Interpret the percentage change in the price of the Chromebook in-context.
- (b) If you purchase this Chromebook, what is the total amount that you pay?
- 2. You decide to buy Jabra Elite Sport True Wireless Earbuds at BestBuy. On the day of your purchase, the earbuds are selling for \$204.99.
 - (a) If the original price for the earbuds was \$219.99, what is the percentage change in the price? Interpret the percentage change in the price of the earbuds in-context.
 - (b) If you purchase the earbuds, what is the total amount that you pay?
- **3.** A year ago, you had an opportunity to purchase the soundtrack for the musical *The Slipper and the Rose* on CD for \$12.95 via a *Buy It Now* on eBay. Unfortunately, someone else purchased the CD. While browsing on Amazon, you find the CD in new condition listed for sale for \$65.61. What is the percentage change in the price of the CD? Express the percentage change to the nearest thousandth of a percent. Interpret the percentage change for the price of the CD in-context.
- **4.** The *Joe's New Balance Outlet* deal of the day is \$39.99 for men's 420 Re-Engineered lifestyle shoes in Taupe. If the original price for the shoes is \$84.99, what is the percentage change in the price of the shoes? Express the percentage change to the nearest hundredth of a percent. Interpret the percentage change for the price of the shoes in-context.