

Answer the following questions on a separate sheet of paper. Show your work for each problem. Be sure carefully read each problem.

1. GameStop has the Xbox One advertised for 15% off the original price of \$350, plus 6% sales tax. Online Xbox One is advertised at Best Buy for \$310.00 plus 9% sales tax. Which is the better buy? Explain your reasoning.
2. Peyton and Read are sharing the cost of a new video game. The game costs \$65.00, but they have a coupon for 12% off. After including the 6% sales tax, how much will each pay toward the game.
3. The seventh grade teachers want to buy the principal a giant stuffed tiger for his office costing \$50.00. However, the store is having a 10% off sale. Tax is 6%. What is the total cost of the tiger? If we pay with \$60, how much change do we have left?
4. Justin is looking to purchase a mountain bike from Bikes & More, WalMart, or K-Mart. Each store sells the bike he likes for \$327.00. WalMart has the bike on sale for 30% off. Bikes & More has the bike on sale for \$227.50. K-Mart is selling them for 1/3 off the regular price. Which store has the best price? What is that price after 6% sales tax?
5. Constance wants to purchase an school jacket. She saw the same jacket at a few stores. Store A had the jacket for 15% off the original price of \$59.60. Store B has it on sale for \$50.99. Showing your work, determine which is the better buy? What is the total price after 6% sales tax at this store?
6. Ms. Costo is shopping for a new car. The salesman tells her the price will be \$18,795 before a 10% discount. Ms. Costo isn't sure she is getting the best price, so she sends Ms. Deelee to ask the price of the same car. This time the salesman tells her the price is \$17,050. Who is offered the better price? What is the price of the better deal after paying the 6% sales tax?
7. Mr. Walker needs to purchase another pair of Crocs. He got an email coupon for 20% off and free shipping at Shoebuy.com. The pair he wants is regularly \$49.00 at Shoebuy. He also sees the same shoes on sale at Crocs.com for \$35.00 plus \$4.30 shipping and handling. Which is the better buy? Show your work to prove your answer.
8. The winners of the Blue Ribbon competition decide to order food from East Meets West. The total order for the four winners comes to \$31.80. However, they find a coupon the menu for 15% off for take-out. How much of a discount do they get from the coupon? What is the total price after 6% tax?
9. After parent teacher conferences, the seventh grade teachers go out to Logan's for dinner. The total bill comes to \$53.79. If they want to leave a 15% tip, about how much should they leave?
10. The school needs to purchase a new refrigerator for student rewards. Lowes and Sears have the model that the school would like to purchase. Lowes is having a 15% off sale and Sears is having a 10% off sale with free delivery. If the original price at both stores is Lowes is \$700, which is the better buy if there is a \$25 for delivery from Lowes?