Name_____ Period_____
Date_____

Multiplying Decimals Challenge Homework

1. Complete each word problem below.
   a. Jacob is shopping at Zumiez. His total comes to $90.45. If Washington has a 6.5% sales tax. What does he pay in taxes?

      i.   What is his new total after taxes?

   b. Julia is at Olive Garden with 4 of her friends. Their total comes to $64.65.
      i.   If they are in California and have to pay a sales tax of 7.25%. What do they pay in taxes?

      ii. What is their new total after taxes are added on?

      iii. Julia puts it all on her card and her four friends are going to Venmo Julia for their portion. If they split the bill equally 5 ways, what does each person Venmo Julia?

c. Susan is shopping at Macys and spends $150.34.

  i.   If she has a 15% off coupon, what does she save?

  ii. What's her new total after the coupon?

d. Oliver is at Eddie Bauer and with a 40% off coupon, he saves $20. What was his total before the coupon?

e. Alison buys socks at Fred Meyers over the weekend. Her 15% off coupon saved her $6.50. What was her total before the coupon?

f. Calliope is at Kohls and has two coupons, but can only use one. If her total comes to $250.94. Does $30 off or 20% off save her more money?