

Numbers in Retail Cash Handling

| Bills and Coins: Extension



1. For each of the scenarios below, calculate how much change the customer is owed and the fewest number of coins and bills that are needed for the change. Show your work.
 - a) A customer purchases six items, priced at \$19.95, \$2.35, \$3.70, \$24.15, \$11.25, and \$18.45 and pays with two \$50 bills.
 - b) A customer at a gas station purchases 23 gallons of gasoline, priced at \$2.89 per gallon. The customer pays with one \$50 bill and one \$20 bill.
 - c) A customer purchases an item priced at \$12.35 and pays with two \$5 bills and three \$1 bills.
2. The total of a customer's purchase is \$14.73. The customer would like to pay in cash but only has one \$10 bill, four \$1 bills, and two 25¢ coins. The cashier accepts the cash as payment, giving the customer an extra discount. What is the value of this discount? Show your work.

3. A gift shop offers a 5% discount on purchases paid with cash. Calculate the price of the following items if they are purchased with cash. Show your work, and round your answer to the nearest 5¢.

a) A vase priced at \$25.95

b) A set of placemats priced at \$16.50

c) Twelve candles priced at \$7.45 each