

CHAPTER 1

**Basic
Math
Skills**

Basic Math Skills

1.1 Basic Math Skills: Addition of Decimals

Content Objective: Students will add decimals with the same number of decimal places, add decimals with a different number of decimal places.

1.2 Basic Math Skills: Subtraction of Decimals

Content Objective: Students will subtract decimals with the same number of decimal places. Students will subtract decimals with a different number of decimal places.

1.3 Basic Math Skills: Multiplication of Whole Numbers

Content Objective: Students will multiply whole numbers manually.

1.4 Basic Math Skills: Multiplication of Decimals

Content Objective: Students will multiply decimals and carry numbers manually.

1.5 Basic Math Skills: Division of Whole Numbers without Remainders

Content Objective: Students will divide whole numbers using long division method.

1.6 Basic Math Skills: Division of Whole Numbers with Remainders

Content Objective: Students will divide whole numbers with remainders using long division method.

1.7 Basic Math Skills: Division of Decimals

Content Objective: Students will divide decimals using long division method.

1.8 Basic Math Skills: Simplifying Fractions

Content Objective: Students will simplify fractions by finding the greatest common factor.

1.9 Basic Math Skills: Renaming Mix Fractions

Content Objective: Students will rename mix fractions into improper fractions.

1.10 Basic Math Skills: Converting Improper Fractions to Mixed Fractions

Content Objective: Students will convert improper fractions into mixed fractions.

1.11 Basic Math Skills: Adding and Subtracting Fractions

Content Objective: Students will add fractions with a common denominator **2**. To add fractions without a common denominator **3**. To find the least common denominator **1**. To subtract fractions with a common denominator **2**. To subtract fractions without a common denominator **3**. To subtract mixed fractions

1.12 Basic Math Skills: Multiplying Fractions

Content Objective: **1**. Students will multiply fractions **2**. Students will multiply fractions and whole numbers **3**. Students will simplify fractions **4**. Students will change a mixed number to an improper fraction **5**. Students will multiply mixed numbers.

1.13 Basic Math Skills: Division of Fractions

Content Objective: Students will divide fractions by finding the reciprocal of a fractions and do cross cancelling.

1.14 Basic Math Skills: Renaming Percents as Decimals

Content Objective: Students will rename percents as decimal by moving the decimal place two places to the left.

1.15 Basic Math Skills: Renaming Decimals as Percents

Content Objective: Students will rename decimas as percents by moving the decimal point two places to the right.

1.16 Basic Math Skills: Adding and Subtracting Negative Numbers

Content Objective: Students will add numbers with the same sign and different sign.

CHAPTER 2

Managing Your Money

Managing Your Money

2.1 Gross Income: Straight - Time Pay

Content Objective: Students will calculate straight-time pay by finding how many hours they work.

2.2 Gross Income: Over - Time

Content Objective: Students will calculate straight-time, overtime, and total pay.

2.3 Gross Income: Weekly Time Card

Content Objective: Students will calculate the total hours on a weekly time card.

2.4 Recordkeeping: Average Monthly Expenditure

Content Objective: Students will compute the average monthly expenditure.

2.5 Recordkeeping: Preparing a Budget Sheet

Content Objective: Students will use records of past expenditures to prepare a monthly budget sheet.

2.6 Recordkeeping: Using a Budget

Content Objective: Students will compare the amount budgeted to actual expenditures.

2.7 Checking Account : Deposits

Content Objective: Students will compute the total checking account deposit.

2.8 Checking Account : The Check-Writing Process and Check Register

Content Objective: Students will write a check and Calculate the balance in a check register

CHAPTER 3

Managing Your Expenses

Managing Your Expenses

3.1 Cash Purchases: Sales Tax and Total Purchase Price

Content Objective: Students will compute sales tax. Calculate the total purchase price.

3.2 Cash Purchases: Unit Price and Comparison Shopping

Content Objective: Students will determine the unit price. Find the best buy based on unit price.

3.3 Cash Purchases: Coupons, Rebates, Markdowns, and Sale Price

Content Objective: Students will calculate an item's final price after using a coupon or receiving a rebate. Find the dollar amount of the markdown. Compute the sale price when the markdown rate is known.

3.4 Charge Accounts and Credit Cards: Account Statements Finance Charge: Unpaid - Balance Method

Content Objective: Students will calculate the new balance on a charge account. Compute the finance charge by using the unpaid-balance method.

3.5 Loans: Single Payment Loans

Content Objective: Students will compute the maturity value and interest rate of a single-payment loan.

3.6 Loans: Installment Loan - Amount Financed

Content Objective: Students will calculate the down payment and the amount financed on an installment loan.

3.7 Loans: Installment Loan - Monthly Payment & Finance Charge

Content Objective: Students will calculate the monthly payment, total amount repaid, and finance charge on an installment loan.

CHAPTER 4

Making Financial Decisions

Making Financial Decisions

4.1 Vehicle Transportation: Purchasing a Used Vehicle.

Content Objective: Calculate the average retail price or wholesale price of a used vehicle.

4.2 Vehicle Transportation: Financing a Car

Content Objective:

4.3 Vehicle Transportation: Vehicle Insurance

Content Objective: Use tables to compute the annual premium for vehicle insurance.

4.4 Operating and Maintaining a Vehicle

Content Objective: Compute the total cost per mile of operating and maintaining a vehicle.

4.5 Vehicle Transportation: Leasing a Vehicle

Content Objective: Calculate the total cost of leasing a vehicle.

4.6 Vehicle Transportation: Renting a Vehicle

Content Objective: Calculate the cost to rent a vehicle and the cost per mile to drive a rented vehicle.

4.7 Housing Cost: Renting or Owning a Home

Content Objective: Calculate the average monthly cost of renting a home, and compare the total costs of renting to the total costs of owning a home.

CHAPTER 5

Making Business Decisions

Making Business Decisions

5.1 Purchasing and Inventory: Trade Discount

Content Objective: Compute the trade discount, the net price, and the trade-discount rate.

5.2 Purchasing and Inventory: Trade Discount - Complement Method

Content Objective: Calculate the net price using the complement method.

5.3 Purchasing and Inventory: Chain Discount

Content Objective: Determine the final net price after chain discounts, or a series of trade discounts.

5.4 Sale: Markup

Content Objective: Compute the markup in dollars.

5.5 Sale: Net Profit and Net Profit Rate

Content Objective: Determine the net profit in dollars. Find the net profit as a percent of the selling price.

5.6 Sale: Markup Rate Based on Cost

Content Objective: Calculate the markup rate based on cost.

5.7 Sale: Selling Price - Markup Based on Cost

Content Objective: Compute the selling price based on cost and markup rate.

5.8 Sale: Markdown

Content Objective: Calculate the markdown in dollars and as a percent of the regular selling price.

CHAPTER 6

Life Skills

Life Skills

6.1 Going Shopping

Content Objective: Student

6.2 Sharing Tipping

Content Objective:

6.3 Tipping

Content Objective:

6.4 Wall to Wall Carpeting

Content Objective:

6.5 Covering The Floor

Content Objective:

6.6 Cost of Covering The Floor

Content Objective:

6.7 Computing Length of Moulding

Content Objective:

6.8 Cutting Expenses

Content Objective:

6.9 Average Calories Per Day

Content Objective:

6.10 Exercising To Lose Weight

Content Objective: