



Consumer Mathematics – Part 1

Michigan State Mathematics Content Expectations

Course Description

Consumer Mathematics Part 1 will show the learner how to calculate earnings from a job, how to shop for and work with food, buy clothing, manage a household, and buy and maintain a car.

Text Book

Consumer Mathematics – Kathleen M. Harmeyer (AGS Publishing 2003)

Unit 1 Description

This unit includes how to determine how money a person will earn at a job. The learner will be able to identify different types of payment of wages and why some money that is earned is deducted from each paycheck.

Essential Content and Skills

The learner will:

- compute weekly and annual wages.
 - determine daily and weekly hours worked.
 - compute wages when overtime is worked.
 - determine wages for jobs that involve piecework or tips.
 - use rounding to determine salary in a pay period.
 - use percents and decimals to compute commissions and salary plus commissions.
 - distinguish between gross pay and net pay.
 - compute gross pay and net pay.
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Unit 1 Michigan State Content Expectations

[Click here to view the Michigan DOE Curriculum Content Standards.](#)

Unit 1 Lesson 1: Wages

State Standard	Description
N.MR.04.14 N.FL.05.05	Solve contextual problems involving whole number multiplication and division. Solve applied problems involving multiplication and division of whole numbers.

Course Name - Part

Michigan State Curriculum Content Standards (continued)

Unit 1 Lesson 2: Time Worked

State Standard	Description
N.FL.04.08 N.FL.05.20	Add and subtract whole numbers fluently Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 1 Lesson 3: Overtime

State Standard	Description
N.FL.04.08 N.FL.05.20	Add and subtract whole numbers fluently Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 1 Lesson 4: Regular Wages Plus Overtime

State Standard	Description
N.FL.04.08 N.FL.05.20	Add and subtract whole numbers fluently Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 1 Lesson 5: Tips & Piecework

State Standard	Description
N.FL.04.08 N.FL.05.20	Add and subtract whole numbers fluently Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 1 Lesson 6: The Key to Rounding Money

State Standard	Description
N.FL.05.20	Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 1 Lesson 7: Salary

State Standard	Description
N.FL.05.20	Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Course Name - Part

Michigan State Curriculum Content Standards (continued)

Unit 1 Lesson 8: The Key to Percents and Decimals

State Standard	Description
N.ME.04.18 N.ME.04.19	Read, write, interpret, and compare decimals up to two decimal places. Write tenths and hundredths in decimal and fraction forms, and know the decimal equivalents for halves and fourths.
N.ME.05.09	Understand percentages as parts out of 100, use % notation, and express a part of a whole as a percentage.
N.MR.05.22	Express fractions and decimals as percentages and vice versa.
N.FL.06.12	Calculate part of a number given the percentage and the number.
N.MR.06.13	Solve contextual problems involving percentages such as sales taxes and tips.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 1 Lesson 9: Commission & Salary Plus Commission

State Standard	Description
N.ME.04.18 N.ME.04.19	Read, write, interpret, and compare decimals up to two decimal places. Write tenths and hundredths in decimal and fraction forms, and know the decimal equivalents for halves and fourths.
N.ME.05.09	Understand percentages as parts out of 100, use % notation, and express a part of a whole as a percentage.
N.FL.05.20	Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.MR.05.22	Express fractions and decimals as percentages and vice versa.
N.FL.06.12	Calculate part of a number given the percentage and the number.
N.MR.06.13	Solve contextual problems involving percentages such as sales taxes and tips.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 1 Lesson 10: Net Pay

State Standard	Description
N.ME.04.18 N.ME.04.19	Read, write, interpret, and compare decimals up to two decimal places. Write tenths and hundredths in decimal and fraction forms, and know the decimal equivalents for halves and fourths.
N.ME.05.09	Understand percentages as parts out of 100, use % notation, and express a part of a whole as a percentage.
N.FL.05.20	Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.MR.05.22	Express fractions and decimals as percentages and vice versa.
N.FL.06.12	Calculate part of a number given the percentage and the number.
N.MR.06.13	Solve contextual problems involving percentages such as sales taxes and tips.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Course Name - Part

Michigan State Curriculum Content Standards (continued)

Unit 2 Description

This unit will show the learner how to apply several different mathematical skills to buying food and how they skills will help make wise decisions when shopping for food and eating out. The unit also covers mathematics involved in selecting and preparing food and how to select healthy foods and to stay fit.

Essential Content and Skills

The learner will:

- read and compare prices.
- change prices from cents to dollars and from dollars to cents.
- compute the cost of single items and multiple items.
- compute change.
- use the information on coupons and determine the cost of an item when a coupon is used.
- compute and compare unit prices.
- compute a restaurant bill and tip.
- compare the cost of eating out to the cost of a homemade meal.
- calculate the number of calories consumed.
- use ratios and proportion to calculate fat calories and change recipe yields.
- read and interpret nutrition information on food packages.
- find the number of calories your body uses when exercising.
- calculate the times food should begin cooking to be ready at a given time.
- use nutrition information when planning meals.

Unit 2 Michigan State Content Expectations

Unit 2 Lesson 1: Expressing, Reading, and Adding Prices

State Standard	Description
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 2 Lesson 2: Computing Change & Coupons

State Standard	Description
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 2 Lesson 3: Coupons with Conditions & Expiration Dates

State Standard	Description
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Course Name - Part

Michigan State Curriculum Content Standards (continued)

Unit 2 Lesson 4: Finding the Cost of One & The Key to Using the Word Per

State Standard	Description
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 2 Lesson 5: Unit Prices & Eating Out

State Standard	Description
N.ME.04.18 N.ME.04.19	Read, write, interpret, and compare decimals up to two decimal places. Write tenths and hundredths in decimal and fraction forms, and know the decimal equivalents for halves and fourths.
N.ME.05.09	Understand percentages as parts out of 100, use % notation, and express a part of a whole as a percentage.
N.FL.05.20	Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.MR.05.22	Express fractions and decimals as percentages and vice versa.
N.FL.06.12	Calculate part of a number given the percentage and the number.
N.MR.06.13	Solve contextual problems involving percentages such as sales taxes and tips.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 2 Lesson 6: Counting Calories & The Key to Ratio

State Standard	Description
N.ME.05.23	Express ratios in several ways given applied situations, e.g., 3 cups to 5 people, 3 : 5; recognize and find equivalent ratios.
N.ME.06.11	Find equivalent ratios by scaling up or scaling down.
N.FL.07.05	Solve proportion problems using such methods as unit rate, scaling, finding equivalent fractions, and solving the proportion equation $a/b = c/d$; know how to see patterns about proportional situations in tables.

Unit 2 Lesson 7: The Key to Proportion & Finding Calories with Proportion

State Standard	Description
N.ME.05.23	Express ratios in several ways given applied situations, e.g., 3 cups to 5 people, 3 : 5; recognize and find equivalent ratios.
N.ME.06.11	Find equivalent ratios by scaling up or scaling down.
N.FL.07.05	Solve proportion problems using such methods as unit rate, scaling, finding equivalent fractions, and solving the proportion equation $a/b = c/d$; know how to see patterns about proportional situations in tables.

Unit 2 Lesson 8: Using Nutrition Information & Fat Grams and Calories

State Standard	Description
N.ME.05.23	Express ratios in several ways given applied situations, e.g., 3 cups to 5 people, 3 : 5; recognize and find equivalent ratios.
N.ME.06.11	Find equivalent ratios by scaling up or scaling down.
N.FL.07.05	Solve proportion problems using such methods as unit rate, scaling, finding equivalent fractions, and solving the proportion equation $a/b = c/d$; know how to see patterns about proportional situations in tables.

Course Name - Part

Michigan State Curriculum Content Standards (continued)

Unit 2 Lesson 9: Using Calories & Losing Pounds

State Standard	Description
D.RE.04.01 D.RE.04.03	Construct tables and bar graphs from given data. Solve problems using data presented in tables and bar graphs, e.g., compare data represented in two bar graphs and read bar graphs showing two data sets.
N.ME.05.23	Express ratios in several ways given applied situations, e.g., 3 cups to 5 people, 3 : 5; recognize and find equivalent ratios.
N.ME.06.11	Find equivalent ratios by scaling up or scaling down.
N.FL.07.05	Solve proportion problems using such methods as unit rate, scaling, finding equivalent fractions, and solving the proportion equation $a/b = c/d$; know how to see patterns about proportional situations in tables.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.
A.F0.07.12	Add, subtract, and multiply simple algebraic expressions of the first degree, e.g., $(92x + 8y) - 5x + y$, or $x(x+2)$ and justify using properties of real numbers.

Unit 2 Lesson 10: Changing Recipe Yields & Timing Food Preparation

State Standard	Description
D.RE.04.01 D.RE.04.03	Construct tables and bar graphs from given data. Solve problems using data presented in tables and bar graphs, e.g., compare data represented in two bar graphs and read bar graphs showing two data sets.
N.ME.05.23	Express ratios in several ways given applied situations, e.g., 3 cups to 5 people, 3 : 5; recognize and find equivalent ratios.
N.ME.06.11	Find equivalent ratios by scaling up or scaling down.
N.FL.07.05	Solve proportion problems using such methods as unit rate, scaling, finding equivalent fractions, and solving the proportion equation $a/b = c/d$; know how to see patterns about proportional situations in tables.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.
A.F0.07.12	Add, subtract, and multiply simple algebraic expressions of the first degree, e.g., $(92x + 8y) - 5x + y$, or $x(x+2)$ and justify using properties of real numbers.

Course Name - Part

Michigan State Curriculum Content Standards (continued)

Unit 3 Description

This unit will describe many ways to buy clothing and how sales tax, shipping charges, discounts, and sales prices are calculated. This unit also covers how to determine housing costs and monthly expenses that will help the learner manage a household effectively.

Essential Content and Skills

The learner will:

- compute the cost of clothing, including sales tax.
- determine the amount of money saved due to sales prices and discounts.
- read catalog descriptions and order form from a catalog.
- find the amount and cost of fabric needed to make clothing.
- compute the balance of a charge account.
- determine the payment schedule of a layaway plan.
- state and apply the renter's rule and the banker's rule to plan monthly rent or mortgage payments.
- compute the cost of rent for one year.
- solve problems related to down payments, monthly payments, and total amounts paid for mortgages.
- read utility meters and compute monthly utility expenses.
- solve word problems related to utility expenses.
- compute expenses related to mortgage insurance and homeowners insurance.

Unit 3 Michigan State Content Expectations

Unit 3 Lesson 1: Ready-to-Wear & Sales Prices

State Standard	Description
N.ME.04.18 N.ME.04.19	Read, write, interpret, and compare decimals up to two decimal places. Write tenths and hundredths in decimal and fraction forms, and know the decimal equivalents for halves and fourths.
N.ME.05.09	Understand percentages as parts out of 100, use % notation, and express a part of a whole as a percentage.
N.FL.05.20	Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.MR.05.22	Express fractions and decimals as percentages and vice versa.
N.FL.06.12	Calculate part of a number given the percentage and the number.
N.MR.06.13	Solve contextual problems involving percentages such as sales taxes and tips.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Course Name - Part

Michigan State Curriculum Content Standards (continued)

Unit 3 Lesson 2: Percent Saved & Discounts

State Standard	Description
N.ME.04.18 N.ME.04.19	Read, write, interpret, and compare decimals up to two decimal places. Write tenths and hundredths in decimal and fraction forms, and know the decimal equivalents for halves and fourths.
N.ME.05.09	Understand percentages as parts out of 100, use % notation, and express a part of a whole as a percentage.
N.FL.05.20	Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.MR.05.22	Express fractions and decimals as percentages and vice versa.
N.FL.06.12	Calculate part of a number given the percentage and the number.
N.MR.06.13	Solve contextual problems involving percentages such as sales taxes and tips.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 3 Lesson 3: Buying from a Catalog & The Key to Simplifying Fractions and Common Denominators

State Standard	Description
N.ME.04.04	Find all factors of any whole number through 50, list factor pairs, and determine if a one-digit number is a factor of a given whole number.*
N.ME.04.05	List the first ten multiples of a given one-digit whole number; determine if a whole number is a multiple of a given one-digit whole number.*
N.MR.04.06	Know that some numbers including 2, 3, 5, 7, and 11 have exactly two factors (1 and the number itself) and are called prime numbers.
N.MR.04.07	Use factors and multiples to compose and decompose whole numbers.
N.ME.04.18	Read, write, interpret, and compare decimals up to two decimal places.
N.ME.04.19	Write tenths and hundredths in decimal and fraction forms, and know the decimal equivalents for halves and fourths.
N.ME.04.20	Understand fractions as parts of a set of objects.
N.MR.04.21	Explain why equivalent fractions are equal, using models such as fraction strips or the number line for fractions with denominators of 12 or less, or equal to 100.
N.ME.05.09	Understand percentages as parts out of 100, use % notation, and express a part of a whole as a percentage.
N.ME.05.10	Understand a fraction as a statement of division, e.g., $2 \div 3 =$, using simple fractions and pictures to represent.
N.ME.05.11	Given two fractions, e.g., and , express them as fractions with a common denominator, but not necessarily a least common denominator, e.g., = and = ; use denominators less than 12 or factors of 100.
N.FL.05.20	Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.MR.05.22	Express fractions and decimals as percentages and vice versa.
N.FL.06.12	Calculate part of a number given the percentage and the number.
N.MR.06.13	Solve contextual problems involving percentages such as sales taxes and tips.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Course Name - Part

Michigan State Curriculum Content Standards (continued)

Unit 3 Lesson 4: Making Your Own Clothes & Finding the Cost of Fabric

State Standard	Description
N.MR.04.27	Add and subtract fractions less than 1 with denominators through 12 and/or 100, in cases where the denominators are equal or when one denominator is a multiple of the other, e.g., $1/12 + 5/12 = 6/12$; $1/6 + 5/12 = 7/12$; $3/10 - 23/100 = 7/100$. Solve contextual problems involving sums and differences for fractions where one denominator is a multiple of the other (denominators 2 through 12, and 100). Find the value of an unknown in equations such as $\quad + x = \quad$ or $\quad - y = \quad$ Use mathematical statements to represent an applied situation involving addition and subtraction of fractions. Solve contextual problems that involve finding sums and differences of fractions with unlike denominators using knowledge of equivalent fractions.* Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.MR.04.28	
N.MR.04.29	
N.FL.05.18	
N.MR.05.19	
N.FL.05.20	

Unit 3 Lesson 5: Using a Charge Account & Using a Layaway Plan

State Standard	Description
N.ME.04.18	Read, write, interpret, and compare decimals up to two decimal places. Write tenths and hundredths in decimal and fraction forms, and know the decimal equivalents for halves and fourths. Understand percentages as parts out of 100, use % notation, and express a part of a whole as a percentage. Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness. Express fractions and decimals as percentages and vice versa. Calculate part of a number given the percentage and the number. Solve contextual problems involving percentages such as sales taxes and tips. Solve applied problems that use the four operations with appropriate decimal numbers.
N.ME.04.19	
N.ME.05.09	
N.FL.05.20	
N.MR.05.22	
N.FL.06.12	
N.MR.06.13	
N.FL.06.15	

Unit 3 Lesson 6: Renting a Home & Buying a Home

State Standard	Description
N.ME.04.18	Read, write, interpret, and compare decimals up to two decimal places. Write tenths and hundredths in decimal and fraction forms, and know the decimal equivalents for halves and fourths. Understand percentages as parts out of 100, use % notation, and express a part of a whole as a percentage. Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness. Express fractions and decimals as percentages and vice versa. Calculate part of a number given the percentage and the number. Solve contextual problems involving percentages such as sales taxes and tips. Solve applied problems that use the four operations with appropriate decimal numbers.
N.ME.04.19	
N.ME.05.09	
N.FL.05.20	
N.MR.05.22	
N.FL.06.12	
N.MR.06.13	
N.FL.06.15	

Course Name - Part

Michigan State Curriculum Content Standards (continued)

Unit 3 Lesson 7: Computing the Down Payment & Paying a Mortgage

State Standard	Description
N.ME.04.18 N.ME.04.19	Read, write, interpret, and compare decimals up to two decimal places. Write tenths and hundredths in decimal and fraction forms, and know the decimal equivalents for halves and fourths.
N.ME.05.09	Understand percentages as parts out of 100, use % notation, and express a part of a whole as a percentage.
N.FL.05.20	Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.MR.05.22	Express fractions and decimals as percentages and vice versa.
N.FL.06.12	Calculate part of a number given the percentage and the number.
N.MR.06.13	Solve contextual problems involving percentages such as sales taxes and tips.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 3 Lesson 8: Terms of Mortgages Differ & Reading Utility Meters

State Standard	Description
N.ME.04.18 N.ME.04.19	Read, write, interpret, and compare decimals up to two decimal places. Write tenths and hundredths in decimal and fraction forms, and know the decimal equivalents for halves and fourths.
N.ME.05.09	Understand percentages as parts out of 100, use % notation, and express a part of a whole as a percentage.
N.FL.05.20	Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.MR.05.22	Express fractions and decimals as percentages and vice versa.
N.FL.06.12	Calculate part of a number given the percentage and the number.
N.MR.06.13	Solve contextual problems involving percentages such as sales taxes and tips.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 3 Lesson 9: Utility Consumption & Telephone, Gas, and Electric Bills

State Standard	Description
D.RE.04.02	Order a given set of data, find the median, and specify the range of values.
N.ME.04.18 N.ME.04.19	Read, write, interpret, and compare decimals up to two decimal places. Write tenths and hundredths in decimal and fraction forms, and know the decimal equivalents for halves and fourths.
D.AN.05.03	Given a set of data, find and interpret the mean (using the concept of fair share) and mode.
N.ME.05.09	Understand percentages as parts out of 100, use % notation, and express a part of a whole as a percentage.
N.FL.05.20	Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.MR.05.22	Express fractions and decimals as percentages and vice versa.
N.FL.06.12	Calculate part of a number given the percentage and the number.
N.MR.06.13	Solve contextual problems involving percentages such as sales taxes and tips.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Course Name - Part

Michigan State Curriculum Content Standards (continued)

Unit 3 Lesson 10: Mortgage Insurance & Homeowners Insurance

State Standard	Description
N.ME.04.18 N.ME.04.19	Read, write, interpret, and compare decimals up to two decimal places. Write tenths and hundredths in decimal and fraction forms, and know the decimal equivalents for halves and fourths.
N.ME.05.09	Understand percentages as parts out of 100, use % notation, and express a part of a whole as a percentage.
N.FL.05.20	Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.MR.05.22	Express fractions and decimals as percentages and vice versa.
N.FL.06.12	Calculate part of a number given the percentage and the number.
N.MR.06.13	Solve contextual problems involving percentages such as sales taxes and tips.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Course Name - Part

Michigan State Curriculum Content Standards (continued)

Unit 4 Description

This unit will cover the different expenses involved in buying and taking care of a car. The learner will figure out how much insurance, fuel, maintenance, and repairs will cost. They will also learn how to finance a car if borrowed money is needed.

Essential Content and Skills

The learner will:

- determine the cost of an automobile when trade-ins or rebates are involved.
- compute the price of a car when financing arrangements are made.
- compute insurance premiums.
- compute average miles driven and miles traveled.
- compute average speed and driving times.
- compute fuel costs.
- compute costs associated with car repairs.

Unit 4 Michigan State Content Expectations

Unit 4 Lesson 1: Buying a New Car

State Standard	Description
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 4 Lesson 2: Buying a Used Car

State Standard	Description
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 4 Lesson 3: Financing a Car

State Standard	Description
N.FL.06.12 N.MR.06.13 N.FL.06.15	Calculate part of a number given the percentage and the number. Solve contextual problems involving percentages such as sales taxes and tips. Solve applied problems that use the four operations with appropriate decimal numbers.

Course Name - Part

Michigan State Curriculum Content Standards (continued)

Unit 4 Lesson 4: Automobile Insurance

State Standard	Description
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 4 Lesson 5: Reading an Odometer & Average Miles Driven per Year

State Standard	Description
D.AN.05.03	Given a set of data, find and interpret the mean (using the concept of fair share) and mode.

Unit 4 Lesson 6: Number of Miles Traveled & Computing Gas Mileage

State Standard	Description
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 4 Lesson 7: Computing the Range of a Car & Computing the Fuel Needed

State Standard	Description
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 4 Lesson 8: Computing Average Speed & Computing Travel Time

State Standard	Description
D.AN.05.03	Given a set of data, find and interpret the mean (using the concept of fair share) and mode.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Unit 4 Lesson 9: Buying Gasoline

State Standard	Description
N.ME.04.18	Read, write, interpret, and compare decimals up to two decimal places.
N.FL.05.20	Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.FL.06.12	Calculate part of a number given the percentage and the number.
N.MR.06.13	Solve contextual problems involving percentages such as sales taxes and tips.
N.FL.06.15	Solve applied problems that use the four operations with appropriate decimal numbers.

Course Name - Part

Michigan State Curriculum Content Standards (continued)

Unit 4 Lesson 10: Computing the Cost of Repairs

State Standard	Description
N.ME.04.18 N.FL.05.20	Read, write, interpret, and compare decimals up to two decimal places. Solve applied problems involving fractions and decimals; include rounding of answers and checking reasonableness.
N.FL.06.12 N.MR.06.13 N.FL.06.15	Calculate part of a number given the percentage and the number. Solve contextual problems involving percentages such as sales taxes and tips. Solve applied problems that use the four operations with appropriate decimal numbers.