Mindluster Platform

About the course Business Math Essentials

What maths do you need for business? However, for most traditional business administration, accounting, human resource management and economics degrees, beginning calculus and statistics comprise the entirety of the math requirements.What kind of math is business math? Mathematics typically used in commerce includes elementary arithmetic, elementary algebra, statistics and probability. For some management problems, more advanced mathematics - such as calculus, matrix algebra and linear programming - is applied.How do you use math in business? It helps you know the financial formulas, fractions; measurements involved in interest calculation, hire rates, salary calculation, tax calculation etc. which help complete business tasks efficiently. Business mathematics also includes statistics and provides solution to business problems.What is high school business math? Business Math is an extension of the personal finance course. During the semester students grades will be based upon how much money they earned and not traditional letter grades. ... Students will be required to pay bills by writing checks and by paying online.What is basic business math? An overview of basic business math skills provides the foundation of arithmetic, mathematics and measurements used in common business and industry practices. ... Perform the basic arithmetic operations with signed numbers and signed terms, and transform and solve an equation.Do you need to be good at math for business? While math skills do matter, they are far from the most important skills for business administration students. Your ability to analyze numbers and interpret quantitative data to make sound business decisions is the key math skill you need to succeed in the business world.Is business administration a hard major? If you want to succeed, have high grades, learn many things, develop for the future and build strong foundations for the business world, then yes it is tough. Studying business administration involves developing expertise in many different areas related to a business.

Business Category's Courses

Course Lesson(151)

Lesson 1 : **Reading and Writing Whole Numbers**

Lesson 2 : **Rounding Whole Numbers**

Lesson 3 : **Adding Whole Numbers**

Lesson 4 : **Subtracting Whole Numbers**

Lesson 5 : **Multiplying Whole Numbers**

Lesson 6 : **Dividing Whole Numbers**

Lesson 7 : **Converting Improper Fractions to Whole Numbers**

Lesson 8 : **Converting Mixed Numbers to Improper Fractions**

Lesson 9 : **Reducing Fractions to Lowest Terms**

Lesson 10 : **Raising Fractions to Higher Terms**

Lesson 11 : **Determining the Least Common Denominator**

Lesson 12 : **Adding Like Fractions**

Lesson 13 : **Adding Unlike Fractions**

Lesson 14 : **Adding Mixed Numbers**

Lesson 15 : **Subtracting Like Fractions**

Lesson 16 : **Subtracting Unlike Fractions**

Lesson 17 : **Subtracting Mixed Numbers**

Lesson 18 : **Multiplying Fractions**

Lesson 19 : **Multiplying Mixed Numbers**

Lesson 20 : **Dividing Fractions**

Lesson 21 : **Reading and Writing Decimals**

Lesson 22 : **Rounding Decimals**

Lesson 23 : **Adding and Subtracting Decimals**

Lesson 24 : **Multiplying Decimals**

Lesson 25 : **Dividing Decimals**

Lesson 26 : **Converting Fractions to Decimals**

Lesson 27 : **Converting Decimals to Fractions**

Lesson 28 : **Understanding the Concept and Rules of Equations**

Lesson 29 : **Solving Equations for the Unknown**

Lesson 30 : **Solving Equations with Parentheses**

Lesson 31 : **Solving Business Related Equations**

Lesson 32 : **Writing Expressions and Equations**

Lesson 33 : **Solving Business Related Word Problems**

Lesson 34 : **Solving Ratio and Proportion Problems**

Lesson 35 : **Understanding and Converting Percents**

Lesson 36 : **Converting Percents to Decimals**

Lesson 37 : **Converting Decimals to Percents**

Lesson 38 : **Converting Percents to Fractions**

Lesson 39 : **Converting Fractions to Percents**

Lesson 40 : **Using the Percentage Formula to Solve Business Problems**

Lesson 41 : **Solving for the Portion**

Lesson 42 : **Solving for the Rate**

Lesson 43 : **Solving for the Base**

Lesson 44 : **Determining the Rate of Increase or Decrease**

Lesson 45 : **Finding the New Amount After a Percent Change**

Lesson 46 : **Finding the Original Amount Before a Percent Change**

Lesson 47 : **Solving a Percentage Points Problem**

Lesson 48 : **Calculating the Amount of a Single Trade Discount**

Lesson 49 : **Reading and Understanding an Invoice**

Lesson 50 : **Extending and Totaling an Invoice**

Lesson 51 : **Calculating the Net Price Using the Net Price Factor**

Lesson 52 : **Calculating Trade Discount Rate when List Price and Net Price are Known**

Lesson 53 : **Calculating Net Price and the Amount of a Trade Discount**

Lesson 54 : **Calculating the Net Price Factor and Net Price**

Lesson 55 : **Calculating the Single Equivalent Discount and the Amount of a Trade Discount**

Lesson 56 : **Cash Discounts and Terms of Sale**

Lesson 57 : **Calculating Cash Discounts and Net Amount Due**

Lesson 58 : **Calculating Net Amount Due After a Partial Payment**

Lesson 59 : **Using Ordinary Dating**

Lesson 60 : **Using EOM or Proximo Dating**

Lesson 61 : **Using ROG Dating**

Lesson 62 : **Using Extra Dating**

Lesson 63 : **Determining Appropriate Selling Price**

Lesson 64 : **Understanding and Using the Retailing Equation**

Lesson 65 : **Calculating Percent Markup Based on Cost**

Lesson 66 : **Calculating Selling Price Percent Markup Based on Cost**

Lesson 67 : **Calculating Cost Percent Markup Based on Cost**

Lesson 68 : **Calculating the Percent Markup Based on Selling Price**

Lesson 69 : **Calculating Selling Price Percent Markup Based on Selling Price**

Lesson 70 : **Calculating Cost Percent Markup Based on Selling Price**

Lesson 71 : **Converting Between Markup Types**

Lesson 72 : **Determining Markdown and Markdown Percent**

Lesson 73 : **Determining Sale Price After a Markdown**

Lesson 74 : **Determining the Original Price Before a Markdown**

Lesson 75 : **Calculating a Series of Markups and Markdowns**

Lesson 76 : **Calculating the Selling Price of Perishable Goods**

Lesson 77 : **Calculating Simple Interest**

Lesson 78 : **Calculating Exact Interest**

Lesson 79 : **Calculating Ordinary Interest**

Lesson 80 : **Calculating the Maturity Value of a Loan**

Lesson 81 : **Calculating the Number of Days of a Loan**

Lesson 82 : **Calculating the Maturity Date of a Loan**

Lesson 83 : **Simple Interest Formula Solving for Principal**

Lesson 84 : **Simple Interest Formula Solving for Rate**

Lesson 85 : **Simple Interest Formula Solving for Time**

Lesson 86 : **Calculating Loans Involving Partial Payments**

Lesson 87 : **Calculating Bank Discounts and Proceeds**

Lesson 88 : **Calculating Effective Interest Rate**

Lesson 89 : **Discounting Notes Before Maturity**

Lesson 90 : **The Time Value of Money**

Lesson 91 : **Manually Calculating Compound Interest**

Lesson 92 : **Calculating Annual Percentage Yield APY**

Lesson 93 : **Calculating Future Value Using the Compound Interest Formula**

Lesson 94 : **Present Value**

Lesson 95 : **Calculating Present Value of a Future Amount**

Lesson 96 : **Future Value of an Annuity**

Lesson 97 : **Calculating Present Value of an Annuity by Formula**

Lesson 98 : **Calculating Sinking Fund Payments by Formula**

Lesson 99 : **Calculating Amortization Payments by Formula**

Lesson 100 : **Fixed and Adjustable Rate Mortgages**

Lesson 101 : **Preparing a Partial Amortization Schedule**

Lesson 102 : **Calculating the Monthly PITI of a Mortgage**

Lesson 103 : **Calculating Mortgage Closing Costs**

Lesson 104 : **Calculating the Interest Rate of an Adjustable Rate Mortgage**

Lesson 105 : **Calculating Potential Credit for a Home Equity Loan**

Lesson 106 : **Calculating Mortgage Lending Ratios**

Lesson 107 : **Understanding a Balance Sheet**

Lesson 108 : **Preparing a Balance Sheet**

Lesson 109 : **Preparing a Vertical Analysis of a Balance Sheet**

Lesson 110 : **Preparing a Horizontal Analysis of a Balance Sheet**

Lesson 111 : **Understanding an Income Statement**

Lesson 112 : **Preparing an Income Statement**

Lesson 113 : **Preparing a Horizontal Analysis of an Income Statement**

Lesson 114 : **Preparing a Vertical Analysis of an Income Statement**

Lesson 115 : **Calculating Financial Ratios Liquidity Ratios**

Lesson 116 : **Calculating Financial Ratios Efficiency Ratios**

Lesson 117 : **Calculating Financial Ratios Leverage Ratios**

Lesson 118 : **Calculating Financial Ratios Profitability Ratios**

Lesson 119 : **Preparing a Trend Analysis of Financial Data**

Lesson 120 : **How to Value Inventory**

Lesson 121 : **Pricing Inventory Using the FIFO Method**

Lesson 122 : **Pricing Inventory Using the LIFO Method**

Lesson 123 : **Pricing Inventory Using the Average Cost Method**

Lesson 124 : **Pricing Inventory Using the Lower of Cost or Market Method**

Lesson 125 : **Estimating Inventory Using the Retail Method**

Lesson 126 : **Estimating Inventory Using the Gross Profit Method**

Lesson 127 : **Calculating Inventory Turnover Rate at Retail**

Lesson 128 : **Calculating Inventory Turnover Rate at Cost**

Lesson 129 : **Calculating Target Inventories Based on Industry Standards**

Lesson 130 : **Calculating Sales Tax and Purchase Price**

Lesson 131 : **Calculating Selling Price and Sales Tax**

Lesson 132 : **Calculating Excise Tax**

Lesson 133 : **Understanding Property Tax**

Lesson 134 : **Calculating Property Tax Using Percent**

Lesson 135 : **Calculating Property Tax Using Mills**

Lesson 136 : **Computing a Property Tax Rate**

Lesson 137 : **Understanding Income Tax**

Lesson 138 : **Calculating Taxable Income for Individuals**

Lesson 139 : **Calculating Tax Refund or Amount Owed**

Lesson 140 : **Calculating Corporate Income Tax and After Tax Net Income**

Lesson 141 : **Creating a Table**

Lesson 142 : **Creating a Line Chart**

Lesson 143 : **Creating a Bar Chart**

Lesson 144 : **Creating a Pie Chart**

Lesson 145 : **Calculating the Mean**

Lesson 146 : **Determining the Median**

Lesson 147 : **Determining the Mode**

Lesson 148 : **Determining the Range**

Lesson 149 : **Constructing a Frequency Distribution**

Lesson 150 : **Calculating the Mean of Grouped Data**

Lesson 151 : **Preparing a Histogram**

Related courses

Business Entrepreneurship

Business Soft Skills

Economics

Intellectual Property

How to Start Business

Start a Cleaning Business



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