## From Jeff's Desk

卫HANTK YOUI Thank you for making my book the best-selling business math text in the United States. I am happy to report to you more than ONE MILLION students have used my book. Being number one means never taking my customers for granted.

Need help?
Call me at 1-800-484-1341 . . 8980 or email me at jeffslater@aol.com Customer Service at 1-800-338-3987 My promise to you: I will respond to your needs within 24 hours.

BEHIND THE SCENES WITH JEFF: Preparing this new edition What did I like best about doing this revision?

jeffslater@aol.com

- Waking up at 5 a.m. every morning with my dog Gracie to get the Wall Street Journal so I could find new clip that would reflect what is happening with bank failures, mortgage bailouts, low interest rates, subprime loans, new credit legislation, global unrest, and unemployment.
- Flying to Chicago in October 2009 to do new videos for the DVD. We spent time doing new chapter openers, new updates to the practice quizzes, and a new set of videos that review worked-out solutions to all the Summary Practice Tests.
- Waiting for the mail each day hoping my Kiplinger's magazine would arrive so I could update the Business Math Issues.
- Learning how to proof my book on the computer.
- Agreeing to do the Test Bank and Instructors Resource Guide myself.

My PASSION is to serve my students and instructors. Being number one in this market is a huge responsibility that I do not take lightly. I work on this book 365 days a year. It is my baby and I love doing it.

PS: I hope you like the cover. It reflects material from each chapter and key features of the book.

## Jeffrey Slater

## Why the need for a new revision?

## Highlights of changes for 10e: A Transition Guide for All My Loyal Adopters

In the last several years many banks have failed. The government has had to conduct stress tests on banks. Foreclosures on real estate have hit record levels. Unemployment has been close to $10 \%$. Consumer buying habits have changed. New regulations on credit cards have been passed by Congress. New health plans are in the works. This textbook has addressed many of these problems. New clips have been added to cover the global economy. Many chapters have been rewritten to bring students up to date. NO OTHER BUSINESS MATH BOOK IS THIS CURRENT. Therefore $99 \%$ of all old articles, including Kiplinger's magazine, have been updated to reflect what is happening in today's business world. The following is a transition guide to help you plan for updating your syllabus.

## All chapters:

- Two-page openers with new vocabulary preview
- Worked-out solutions for Extra Practice Quizzes in Appendix B
- New clips and cartoons within learning units
- New real-world word problems added to problem material
- New Money Tips in each learning unit
- New Challenge Problem
- New Kiplinger's Business Math Issue
- New Business Math Scrapbook and Internet Projects
- New videos showing how to work out problems for Summary Practice Tests


## Chapter 2: Fractions

- In Learning Unit 2-2, discussion of use of Teacher Tube to add and subtract fractions


## Chapter 3: Decimals

- New currency table with added explanations


## Chapter 4: Banking

- Toxic banks and overdrafts shown
- Discussion of new Social Security debit cards
- Stress test scorecard added to discussion
- Latest trends in online banking, including Mobile Banking


## Chapter 5: Solving for the Unknown:

 A How-to Approach for Solving Equations- Discussion of Google and McDonald's in Russia


## Chapter 6: Percents and Their Applications

- New global clips to introduce percents
- New clip on gas usage versus cost per gallon
- New discussion on percent increase and decrease with home heating oil example

Chapter 7: Discounts: Trade and Cash

- New discussion on rising cost of shipping

Chapter 8: Markups and Markdowns: Perishables and Breakeven Analysis

- Emphasis on cash-strapped consumers

Chapter 9: Payroll

- New payroll tables
- New Social Security rate in text now $6.2 \%$ on \$106,800

Chapter 14: Installment Buying, Rule of 78, and Revolving Charge Credit Cards

- New discussion of longer car loans
- New discussion of credit card legislation

Chapter 15: The Cost of Home Ownership

- New highlights of mortgage bailouts
- Discussion of 30 -year mortgage and subprime loans
- Discussion of mortgage refinancing


## Videos

- New video cases for Chapters 7, 8, and 16. The video for Chapter 11 deleted.
- Problem material in Chapter 9 updated

Technology

- Connect now available with Practical Business Math Procedures. See page T-15 or check with your McGraw-Hill/Irwin sales representative for details.


## Real-World Applications

Instructors asked for an even greater emphasis on the applications of business math in the United States and globally. The Tenth Edition includes references to companies such as Google, eBay, TiVo, Walmart, and DHL to illustrate chapter topics. Over 100 actual clippings from The Wall Street Journal and 22 Kiplinger's Personal Finance magazine articles give students a more complete view of real-world practices from the business press.


Gap to Merge Brands Into Single Stores
of small stand-alone GapBody, Gap Kids and babyGap stores to test a strategy of consolidating Gap brand offerings in its namesake stores and educing its square footage. numbers and talking to customers in our stores, having kids, baby, maternity, body, and adult in the same box makes sense," Chief Executive Glenn Murphy said at a conference hosted by Piper Jaffray Cos. in New York.
The consolidation was one examSan Francisco-based apparel retailer's new real-estate strategy, which in volves figuring out which of its 3,100 stores to reposition, relocate, re model and "right size."

For the retail strategy in general, he said, "we probably won't see much of a benefit in 2009 going forward..." By combining a 10,000 -squarefoot Gap adult and body store with a 5,000 -square-foot kids-only store,
Gap could save $\$ 225,000$ a year in rent alone, he said. The "sweetspot" for Gap stores is 6,000 to 10,000 square feet and for Old Navy, 14,000 to 16,000 square feet, he said.
Gap has been struggling with sluggish sales across all its brands and has
been trying to boost earnings by cutting inventory and costs.

Personal Finance
A KIPLINGER APPROACH


SAVE BIG ON PRESCRIPTIONS Do your drugs cost too much? Find out how
to get well for less. BY JESSICAL. ANDERSON

 | prescriptions, itheupstion |
| :---: |
| think jeans. You could bid |







BUSINESS MATH ISSUE
eneric drugs should never be bought online.

1. List the key points of the article and information to support your position T. List the key points of the article and information to support your position.

The Wall Street Journal Highlights
With over 100 clippings from The Wall Street Journal, students can see the relevance of text topics to the business world.

Kiplinger's Personal Finance Magazine Articles These articles were completely updated this edition and include:

1. An Early Look at Retirement, page 32
2. Deals on Fancy Meals, page 62
3. Natural Gas Glut, page 85
4. New Checking Account, page 110
5. How to Make a Million, page 133
6. What You Need to Know About Your Credit Score, page 167
7. Save Big On Prescriptions, page 199
8. Wear It Once and Request a Refund?, page 230
9. This Cobra Save Lives, page 253
10. Scams Exploit Hard Times, page 274
11. Good Mortgage Bonds, page 289
12. How to Find a Better Bank, page 312
13. Building Your Own Retirement Plan, page 334
14. Fewer Traps for Cardholders, page 361
15. Refinance, If You Can, page 377
16. Inflation Isn't a Problem-Yet, page 408
17. Keep Your Clunker, page 427
18. Should You Buy a GM?, page 453
19. What You Need to Know About Paying Your Taxes, page 466
20. What You Need to Know About Leasing a Car Now, page 490
21. Anatomy of a Bond, page 510
22. When Will I Get My Money Back?, page 540

## Favorite Features of the Text



## Clear Explanations

Explanations are given in a step-by-step format that is easy to follow and remember, followed by understandable examples. (p. 140)

## CONVERTING FRACTIONAL PERCENTSTO DECIMALS

Step I. Convert a single fractional percent to its decimal equivalent by dividing the numerator by the denominator. If necessary, round the answer.
Step 2. If a fractional percent is combined with a whole number (mixed fractional percent), convert the fractional percent first. Then combine the whole number and the fractional percent.

Step 3. Drop the percent symbol; move the decimal point two places to the left (this divides the number by 100 ).

## EXAMPLES

$$
\begin{array}{lr}
\frac{1}{5} \%=.20 \%=.00 .20=.0020 & \text { Think of } 7 \frac{3}{4} \% \text { as } \\
\frac{1}{4} \%=.25 \%=.00 .25=.0025 & 7 \%=0.07 \\
7 \frac{3}{4} \%=7.75 \%=.07 .75=.0775 & +\frac{3}{4} \%=+.0075 \\
6 \frac{1}{2} \%=6.5 \%=.06 .5=.065 & 7 \frac{3}{4} \%=-.0775
\end{array}
$$

Functional color-coding was first introduced in the Third Edition of the text. While many books use color, I set out from the beginning to use color to teach. I personally color-code each element to enhance the learning process. For example, when a student sees a number in red, they know it is a key item they are solving for.

## Color Key

Blue: Movement, cancellations, steps to solve, arrows, blueprints

Gold: Formulas and steps

Green: Tables and forms

Red: Key items we are solving for

Magenta: Worked-out solutions in Teacher's Edition only

Plastic Overlays

Chapter 13 features plastic overlays that review compounding, present value, ordinary annuities, and present value annuities.

Practice Quizzes and New Extra Practice Quizzes

Practice Quizzes follow each Learning Unit in the book. These quizzes provide immediate feedback for students to check their progress. The logo lets students know that videos are available on the student DVD-ROM. In these videos I carefully walk students through the material, reinforcing the content. These are accessible by each Learning Unit so students can go directly to the Practice Quiz they choose without searching cumbersome videotapes. (p. 118) Extra Practice Quizzes follow the Practice Quizzes. Check figures and page references are included at the bottom of the Chapter Organizer.

## LU 5-1 PRACTICE QUIZ

Complete this Practice Quiz to see how you are doing

Solutions with Step-by-Step Help on DVD

1. Write equations for the following (use the letter $Q$ as the variable). Do not solve for the unknown.
a. Nine less than one-half a number is fourteen.
b. Eight times the sum of a number and thirty-one is fifty.
c. Ten decreased by twice a number is two.
d. Eight times a number less two equals twenty-one.
e. The sum of four times a number and two is fifteen.
f. If twice a number is decreased by eight, the difference is four.
2. Solve the following:
a. $B+24=60$
b. $D+3 D=240$
c. $\quad 12 B=144$
d. $\frac{B}{6}=50$
e. $\frac{B}{4}+4=16$
f. $\quad 3(B-8)=18$
$\checkmark$ Solutions
3. a. $\frac{1}{2} Q-9=14$
b. $8(Q+31)=50$
c. $\quad 10-2 Q=2$
d. $8 Q-2=21$
e. $4 Q+2=15$
f. $2 Q-8=4$
4. a. $B+24=-60$
$\frac{-24}{B}=\frac{-24}{36}$
b. $\begin{aligned} \frac{A D}{A} & =\frac{240}{4} \\ D & =60\end{aligned}$
c. $\begin{aligned} \frac{12 B}{12} & =\frac{144}{12} \\ B & =12\end{aligned}$

Blueprint Aid for Dissecting and Solving a Word Problem

Students need help in overcoming their fear of word problems. The first eight chapters (except Chapter 4) provide a "blueprint" format for solving word problems. It shows students how to begin the problem-solving process, gets them actively involved in dissecting the word problem, shows visually what has to be done before calculating, and provides a structure for them to use. (p. 146)

The Word Problem Sales of Milk Chocolate M\&M's ${ }^{\circledR}$ are $\$ 320,000$. Total sales of Milk Chocolate M\&M's, Peanut, and other M\&M's ${ }^{\oplus}$ chocolate candies are $\$ 400,000$. What percent of Peanut and other M\&M's ${ }^{\circledR}$ chocolate candies are sold compared to total M\&M's ${ }^{\circledR}$ sales?

| The facts | Solving for? | Steps to take | Key points |
| :---: | :---: | :---: | :---: |
| Milk Chocolate M\&M's ${ }^{\circledR}$ sales: \$320,000. <br> Total M\&M's ${ }^{\circledR}$ sales: $\$ 400,000$. | Percent of Peanut and other M\&M's ${ }^{\text {® }}$ chocolate candies sales compared to total M\&M's ${ }^{\text {® }}$ sales. | Identify key elements. <br> Base: \$400,000. <br> Rate: ? <br> Portion: \$80,000 <br> (\$400,000 - \$320,000). $\text { Rate }=\frac{\text { Portion }}{\text { Base }}$ | Represents sales of Peanut and other M\&M's ${ }^{\circledR}$ chocolate candies <br> When portion becomes $\$ 80,000$, the portion and rate now relate to same piece of base. |

Steps to solving problem

1. Set up the formula

$$
\begin{aligned}
\text { Rate } & =\frac{\text { Portion }}{\text { Base }} \\
R & =\frac{\$ 80,000}{\$ 400,000}(\$ 400,000-\$ 320,000)
\end{aligned}
$$

## The Chapter Organizer

This quick reference guide provides students with a complete set of notes, including color coding consistent with the text. Key points, formulas, examples, vocabulary, and new Check Figures for the Extra Practice Quizzes are included with page references. Widely copied by other textbooks, this tool is useful as a reference for students as well as for reviews before exams. (p. 153)

| CHAPTER ORGANIZER AND REFERENCE GUIDE |  |  |
| :---: | :---: | :---: |
| Topic | Key point, procedure, formula | Example(s) to illustrate situation |
| Converting decimals to percents, p. I38-I39 | I. Move decimal point two places to right. If necessary, add zeros. This rule is also used for whole numbers and mixed decimals. <br> 2. Add a percent symbol at end of number. | $\begin{aligned} .81 & =.81=81 \% \\ .008 & =.00 .8=.8 \% \\ 4.15 & =4.15=415 \% \end{aligned}$ |
| Rounding percents, p. 139 | I. Answer must be in percent before rounding. <br> 2. Identify specific digit. If digit to right is 5 or greater, round up. <br> 3. Delete digits to right of identified digit. | Round to the nearest hundredth percent. $\frac{3}{7}=.4285714=42.85714 \%=42.86 \%$ |
| Converting percents to decimals, p. 139-I 40 | I. Drop percent symbol. <br> 2. Move decimal point two places to left. If necessary, add zeros. <br> For fractional percents: <br> I. Convert to decimal by dividing numerator by denominator. If necessary, round answer. <br> 2. If a mixed fractional percent, convert fractional percent first. Then combine whole number and fractional percent. <br> 3. Drop percent symbol, move decimal point two places to left. | $\begin{aligned} .89 \% & =.0089 \\ 95 \% & =.95 \\ 195 \% & =1.95 \\ 8 \frac{3}{4} \% & =8.75 \%=.0875 \\ \frac{1}{4} \% & =.25 \%=.0025 \\ \frac{1}{5} \% & =.20 \%=.0020 \end{aligned}$ |
| Converting fractions to percents, p. 14 I | I. Divide numerator by denominator. <br> 2. Move decimal point two places to right; add percent symbol. | $\frac{4}{5}=.80=80 \%$ |

Critical Thinking Discussion Questions

These thought-provoking questions follow the Chapter Organizer and are designed to get students to think about the larger picture and the "why's" of business math. They go beyond the typical questions by asking students to explain, define, create, and so forth. (p. 246)

Critical Thinking Discussion Questions

1. Explain the difference between biweekly and semimonthly. Explain what problems may develop if a retail store hires someone on straight commission to sell cosmetics.
2. Explain what each column of a payroll register records (p. 240) and how each number is calculated. Social Security tax is based on a specific rate and base; Medicare tax is
based on a rate but no base. Do you think this is fair to all taxpayers?
3. What taxes are the responsibility of the employer? How can an employer benefit from a merit-rating system for state unemployment?

## Photos

More than 50 photos are included to stimulate student interest and help students see business math with imagination and enthusiasm. Whether showing McDonald's Big Mac in Russia, inventory systems, or online banking and bill paying, business math becomes real to them.


At the end of each chapter, Drill Problems are followed by Word Problems. I've added new problems in each chapter using material from newspapers such as The New York Times and magazines such as BusinessWeek, Consumer Reports, and Smart Money to help students see the relevance of the material.

An Excel logo next to a problem indicates an Excel template is available on the DVD-ROM or on the text Web site, and in the Excel Workbook to help solve that problem.

Challenge Problems let your students stretch their understanding and ability to solve more complex problems. I've included two per chapter. A Summary Practice Test concludes the problem section and covers all the Learning Objectives in the chapter.

## Drill Problems


Check figures for odd-numbered problems in Appendix C $\qquad$ Date $\qquad$
DRILL PROBLEMS
Convert the following decimals to percents:

| 6-1. . 66 66\% | 6-2. | . 943 94.3\% | 6-3. | . 8 80\% |
| :---: | :---: | :---: | :---: | :---: |
| 6-4. $8.00800 \%$ | 6-5. | $3.561356 .1 \%$ | 6-6. | 6.006 600.6\% |
| Convert the following percents to decimals: |  |  |  |  |
| 6-7. $9 \% .09$ | 6-8. | 16\% . 16 |  | $64 \frac{3}{10} \% .643$ |
| 6-10. $75.9 \%$. 759 | 6-11. | 119\% 1.19 | 6-12. | 89\% . 89 |

## Word Problems

WORD PROBLEMS (First of Four Sets)
6-52. At a local Dunkin' Donuts, a survey showed that out of 1,200 customers eating lunch, 240 ordered coffee with their meal. What percent of customers ordered coffee?


6-53. What percent of customers in Problem 6-52 did not order coffee?
$960=80 \% \quad$ Note: Portion and rate must
$-$


Challenge Problems

## CHALLENGE PROBLEMS

6-94. Kyle Drummond works as an auto mechanic. He just finished a job taking 3.25 hours of labor at $\$ 60$ per hour. The parts he used totaled $\$ 55$. If there is a $120 \%$ markup on parts, what was the customer charged?
Labor: $3.25 \times \$ 60=\$ 195$
Parts: $\$ 55 \times 2.2=\$ 121$
Total charge: $\$ 195+121=\$ 316$
6-95. A local Dunkin' Donuts shop reported that its sales have increased exactly $22 \%$ per year for the last 2 years. This year's sales were $\$ 82,500$. What were Dunkin' Donuts sales 2 years ago? Round each year's sales to the nearest dollar.
$\frac{\$ 82,500}{1.22}=\$ 67,623$ sales last year $\quad \frac{\$ 67,623}{1.22}=\$ 55,429$

See Jeff on the DVD as he shows all worked out solutions to your students.

Summary Practice Test The tenth edition DVD contains video tutorials of all Summary Practice Tests.

## (8) <br> D. ID SUMIMARY PRACTICE TEST

Convert the following decimals to percents. (p. 139)

1. $.921 \quad 92.1 \%$
2. . $440 \%$
3. $15.88 \quad 1,588 \%$
4. $8.00 \quad 800 \%$
Convert the following percents to decimals. (p. 139)
5. $42 \% .42$
6. $7.98 \% .0798$
7. $400 \% \quad 4.0$
8. $\frac{1}{4} \% \quad .0025$

Convert the following fractions to percents. Round to the nearest tenth percent. (p. 141)
9. $\frac{1}{6} \quad 16.7 \%$
10. $\frac{1}{3} \quad 33.3 \%$

Personal Finance:
A Kiplinger Approach

A Kiplinger Group Project at the end of each chapter includes an article from Kiplinger's Personal Finance magazine. Each article presents a business math issue for students to debate and solve. Suggested answers are located in the Instructor's Resource Manual. This is an excellent tool to develop critical thinking and writing skills. It also provides opportunities for students to become involved in team projects. As stated in the AMATYC standards: "mathematics faculty will foster interactive learning through student writing, reading, speaking, and collaborative activities so that students can learn to work effectively in groups and communicate about mathematics both orally and in writing." (p. 167)


Business Math Scrapbook with Internet Application

Video Cases on DVD

The Business Math Scrapbook provides real-world applications at the end of the chapters. They can be assigned at your discretion to give students an opportunity to apply the chapter theory to real life business situations and to see the importance of what they're learning. (p. 168)

There are seven video cases applying business math concepts to real companies such as American President Lines, FedEx, Noodles Company, Washburn Guitars, Honda, Buycostumes.com, and Federal Signal Corporation. Video clips are included on the student DVD. Some background case information and assignment problems incorporating information on the companies are included at the end of Chapters $6,7,8,9,16$, and 21.


## Supplements Package

Business Math Handbook

This reference guide contains all tables found in the text and is included free with the text


Web site and Online Learning Center

The Business Math Web site at www.mhhe.com/slater10e offers an interactive environment for teachers and students. The password-protected instructor section contains text updates, the electronic version of Student Solutions Manual and Study Guide, the Instructors Resource Guide, odd-numbered solutions even-numbered solutions, test bank, and PowerPoint slides.

For students, the Online Learning Center, another name for the text Web site, takes the pedagogical features and supplements of the book and places them online. It includes interactive selfgrading quizzes, PowerPoint slides, chapter outlines, Excel Workbook, Excel templates, Internet Resource Guide, Measurement System Metric supplement, Fractions Extra Practice Worksheet, Handbook tables and more. All of this content is also available on cartridges for local use on WebCT or Blackboard.

Business Math Internet Resource Guide

The Business Math Internet Resource Guide will take students online and show them and you interesting source materials for business math.

Following an introduction on how to use the Internet, each chapter of the book has specific sites listed and a description of what students will find there. There are also projects listed for each chapter relating to the Internet. Included on Student DVD-ROM.

DVD-ROM
Instructor's Resource
CD-ROM CD-ROM

Instructor's Resource Guide

Students can use this tool on their computers or home DVD player to see and hear how the author solves all the practice quizzes and Summary Practice Tests in the text. Students can also refer to the DVD-ROM for PowerPoint lectures, self-grading practice quizzes, Excel Templates, the Internet Resource Guide, and Video cases. The cases apply business math concepts to real companies such as Hotel Monaco, Louisville Slugger, and others.


The Instructor's Resource CD-ROM contains the Test Bank, E-Z Test computerized testing system, PowerPoint Lecture Slides, Instructor's Resource Guide, and solutions files.

This resource manual includes:

- Syllabus Preparation; Self-Paced Syllabus; Student Progress Chart
- Integrating the Electronic Calculator; Suggestions for Using Computers and Videos
- Suggestions for Regrouping Chapters
- Suggestions on Teaching Using the Business Math Internet Resource Guide
- Tips on Teaching Group Activities with Kiplinger's Personal Finance magazine
- Your Course versus Math Anxiety
- Sample Civil Service Exam with worked-out solutions
- Insight into Proportions supplement
- Excel Template Fact Sheet
- Check Figures for even-numbered end-of-chapter drill and word problems
- Appendix B Solutions (Chapters 13-22)


## Each chapter includes:

- Teaching Tips from Jeff Slater
- Lecture Outline
- The Pocket Calculator Workshop
- Suggested Solution to Critical Thinking Discussion Questions
- Teacher's Guide to Kiplinger Group Activity
- Additional Word Problems (not in the text)
- Worked-Out Solutions to Practice Quiz found in the Student Solutions Manual and Study Guide
- Vocabulary Crossword Puzzles with solutions

The Excel Workbook is available as a shrinkwrapped package with the text. This workbook instructs your students in constructing their own spreadsheets. It includes business topics such as inventory, interest, markup, and annuities using problems from the text. The templates are on the student DVD-ROM and are available for selected end-of-chapter problems designated with an Excel logo. Students can run these templates as is or add their own data. The DVD also includes an interest table feature that allows you to input any percentage rate and terms. The program will then generate table values. Included on Student DVD-ROM.


## Calculator Guides

Financial Calculator Guide<br>Electronic Calculator Guide with Computer Applications<br>TI-83/TI-84 Graphing Calculator Guide<br>Student Solutions Manual and Study Guide

ALEKS for Business Math

McGraw-Hill Connect ${ }^{\text {TM }}$
Business Math

McGraw-Hill Connect
Business Math Features

Simple Assignment Management

This guide covers using the HP 10BII and TI BAII PLUS financial calculators for Chapters 7, 8, and 10 through 15 in Practical Business Math Procedures. Many of the examples and practical quiz problems are illustrated. Selected end-ofchapter problems are also illustrated. This guide is divided into two sections. One section is devoted to the HP 10BII calculator and the other section covers the TI BAII PLUS calculator, also providing brief introductions to using each model.

This manual coordinates Practical Business Math Procedures applications with instruction in the $10-\mathrm{key}$ calculator and computer keypad. It also reviews the touch method, includes speed drills, and helps students apply new skills to business math word problems. An introduction to Excel spreadsheets and how to enter data in spreadsheets is included.

This new updated and enhanced supplement is now found both online and in print, available for packaging with the text. For every chapter covered there are key strokes with notes on how to use the graphing calculator, Practice Sets and Problems, as well as coverage on how to solve the Summary Practice Tests.

This supplement provides completely worked-out solutions to selected end-ofchapter drill and word problems, plus additional word problems and practice quizzes for student reinforcement. The manual includes the Study Guide which provides self-paced worksheets that review chapter material. The worksheets cover vocabulary, theory and math applications, as well as extra word problem quizzes and a section on how to use the calculator.

ALEKS (Assessment and Learning in Knowledge Spaces) is an artificial intelligence based system, which, acting much like a human tutor, can provide individualized assessment, practice, and learning. By assessing your knowledge, ALEKS focuses clearly on what you are ready to learn next and helps you master the course content more quickly and clearly. You can visit ALEKS at www.business.aleks.com.


## Less Managing. More Teaching. Greater Learning.

McGraw-Hill Connect Business Math is an online assignment and assessment solution that connects students with the tools and resources they'll need to achieve success.
McGraw-Hill Connect Business Math helps prepare students for their future by enabling faster learning, more efficient studying, and higher retention of knowledge.

Connect ${ }^{\text {TM }}$ Business Math offers a number of powerful tools and features to make managing assignments easier, so faculty can spend more time teaching. With Connect ${ }^{\text {TM }}$ Business Math, students can engage with their coursework anytime and anywhere, making the learning process more accessible and efficient. Connect ${ }^{\text {TM }}$ Business Math offers you the features described below.

With Connect ${ }^{\text {TM }}$ Business Math, creating assignments is easier than ever, so you can spend more time teaching and less time managing. The assignment management function enables you to:

- Create and deliver assignments easily with selectable end-of-chapter questions and test bank items.

Smart Grading

Instructor Library

## Student Study Center

Student Progress Tracking

McGraw-Hill Connect
Plus Business Math

- Streamline lesson planning, student progress reporting, and assignment grading to make classroom management more efficient than ever.
- Go paperless with the eBook and online submission and grading of student assignments.

When it comes to studying, time is precious. Connect ${ }^{\mathrm{TM}}$ Business Math helps students learn more efficiently by providing feedback and practice material when they need it, where they need it. When it comes to teaching, your time also is precious. The grading function enables you to:

- Have assignments scored automatically, giving students immediate feedback on their work and side-by-side comparisons with correct answers.
- Access and review each response; manually change grades or leave comments for students to review.
- Reinforce classroom concepts with practice tests and instant quizzes.
- The Connect ${ }^{\text {TM }}$ Business Math Instructor Library is your repository for additional resources to improve student engagement in and out of class. You can select and use any asset that enhances your lecture.

The Connect ${ }^{\text {TM }}$ Business Math Student Study Center is the place for students to access additional resources. The Student Study Center:

- Offers students quick access to related content such as data files, check answers, Excel, calculator supplements and more.
- Provides instant practice material and study questions, easily accessible on the go.

Connect ${ }^{\text {TM }}$ Business Math keeps instructors informed about how each student, section, and class is performing, allowing for more productive use of lecture and office hours. The progress-tracking function enables you to:

- View scored work immediately and track individual or group performance with assignment and grade reports.
- Access an instant view of student or class performance relative to learning objectives.

McGraw-Hill reinvents the textbook learning experience for the modern student with Connect Plus Business Math. A seamless integration of an eBook and Connect Business Math, Connect Plus Business Math provides all of the Connect Business Math features plus the following:

- An integrated eBook, allowing for anytime, anywhere access to the textbook.
- Dynamic links between the problems or questions you assign to your students and the location in the eBook where the related concept or example is presented.
- A powerful search function to pinpoint and connect key concepts in a snap.

In short, Connect Business Math offers you and your students powerful tools and features that optimize your time and energies, enabling you to focus on course content, teaching, and student learning. Connect Business Math also offers a wealth of content resources for both instructors and students. This state-of-the-art, thoroughly tested system supports you in preparing students for the world that awaits.

For more information about Connect, go to wwww.mcgrawhillconnect.com, or contact your local McGraw-Hill sales representative.

Tegrity Campus:
Lectures 24/7

## Mc (C)egrity campus

Tegrity Campus is a service that makes class time available $24 / 7$ by automatically capturing every lecture in a searchable format for students to review when they study and complete assignments. With a simple one-click start-and-stop process, you capture all computer screens and corresponding audio. Students can replay any part of any class with easy-to-use browser-based viewing on a PC or Mac.

To learn more about Tegrity watch a 2-minute Flash demo at http://tegritycampus.mhhe.com.

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The Manual of Tests contains four optional, pre-formatted exams per chapter. The computerized testing system featuring E-Z Test Software is networkable for LAN test administration, online, and is included on the Instructor's CD-ROM. Tests and Quizzes can also be printed for your standard delivery or posted to a Web site for student access.

## Alternate Choice

Practical Business Math Procedures, Brief Tenth Edition

The Brief Edition of Practical Business Math Procedures is modified, not just shortened. This is the ideal text for a balanced, shorter business math course. The teaching aids have also been revised to ensure your course flows smoothly and all of your teaching objectives are met. The Brief Edition includes Chapters 1-12 from the Tenth Edition, with modifications to Chapter 8.

Note: DVD comes with the Brief Edition.


