

Using the Online MathTextbook

<http://connected.mcgraw-hill.com/connected/login.do>

The link should take you to this login screen. Most passwords should be firstname.lastname and the password should be a lower case m followed by your student id.



connectED

Username

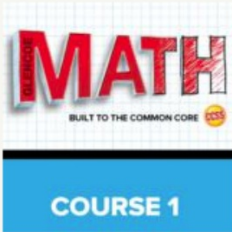
Password

Login

[FORGOT YOUR PASSWORD?](#)



[FORGOT YOUR USERNAME?](#)

Click on the book. It should be the only thing that shows up.



MATH
BUILT TO THE COMMON CORE
COURSE 1

National Glencoe Math, Course 1, © 2015
Student Edition

Manage Content  Assign Content 

This is where you need to go to select a unit and a topic.



This gives a digital version of the book.

Resources are the place where you can find all of the extra help.

I selected Chapter 1: Ratios and Rates and Lesson 3: Rates from the drop down menu. I then selected Resources from the Menu tab to get to the extra help for this lesson.

The screenshot displays the McGraw Hill Education MATH COURSE 1 interface. On the left is a dark sidebar menu with options: ConnectED, Resources (highlighted with a pink arrow), Homework, Home, Standards, Glossary, Notebook, and My Messages. The main content area has a blue header with 'MATH COURSE 1' and a decorative background. Below the header, a blue navigation bar shows 'Chapter 1: Ratios and Rates' and 'Lesson 3: Rates'. The main content area is divided into two columns. The left column lists the table of contents, including 'Chapter 1: Ratios and Rates' which is highlighted. The right column lists the lesson content, including 'Lesson 3: Rates' which is highlighted. On the right side of the interface, there are sections for 'Lesson Resources' (with an 'abc' icon) and 'Homework' (with a green bar stating 'You have no assignments').

McGraw Hill Education

menu

ConnectED

Resources

Homework

Home

Standards

Glossary

Notebook

My Messages

MATH COURSE 1

Chapter 1: Ratios and Rates

Lesson 3: Rates

Mathematical Practices Handbook

Unit 1: Ratios and Proportional Relationships

Chapter 1: Ratios and Rates

Chapter 2: Fractions, Decimals, and Percents

Unit 2: The Number System

Chapter 3: Compute with Multi-Digit Numbers

Chapter 4: Multiply and Divide Fractions

Chapter 5: Integers and the Coordinate Plane

Chapter Overview

Lesson 1: Factors and Multiples

Inquiry Lab: Ratios

Lesson 2: Ratios

Inquiry Lab: Unit Rates

Lesson 3: Rates

Lesson 4: Ratio Tables

Lesson 5: Graph Ratio Tables

PSI: Four-Step Plan

Mid-Chapter Check

Lesson 6: Equivalent Ratios

Inquiry Lab: Ratio and Rate Problems

Lesson 7: Ratio and Rate Problems

Lesson Resources

abc

Homework

You have no assignments

These are some of the most helpful tools. They can be selected or found according to the icons.

The screenshot displays the 'MATH COURSE 1' Student Center interface. At the top, a navigation bar includes a 'menu' icon, a user profile icon, and a search icon. Below this, the header features the 'MATH COURSE 1' logo and the text 'STUDENT CENTER'. The main content area is divided into a left sidebar and a right main panel.

Left Sidebar:

- Chapter 1: Ratios and Rates (dropdown menu)
- Lesson 3: Rates (dropdown menu)
- Check (1) (with a checkmark icon)
- eHelp (1) (with a book icon)
- English Learners (1) (with an 'EL' icon)
- Response to Intervention (2) (with an 'RTI' icon)
- Tools (2) (with a gear icon)
- Tutor (4) (with a person icon)
- Vocab (1) (with a speech bubble icon)
- Worksheets (9) (with a document icon)

Main Panel:

- Results (Page 1 of 2)
- Results Per Page: 12 (dropdown menu)
- Navigation buttons: 1, 2, and a right arrow.
- A grid of six tool thumbnails, each with a star and a gear icon at the bottom:
 - Virtual Manipulati... (top left)
 - Real-World Exam... (top middle)
 - Real-World Exam... (top right)
 - Real-World Exam... (bottom left)
 - Real-World Exam... (bottom middle)
 - Step by Step Solu... (bottom right)

Annotations:

- A blue arrow points from the left to the 'Check (1)' item in the sidebar.
- A blue arrow points from the left to the 'Tutor (4)' item in the sidebar.
- A pink arrow points from the top right of the sidebar to the 'Real-World Exam...' thumbnail in the main panel.

Lesson 1-3
Rates

1. Express the ratio of *300 miles to 25 gallons of gasoline* as a unit rate.

- ☐ A. 1.2 miles per gallon ☐ B. 50 miles per gallon
☐ C. 32 miles per gallon ☐ D. 12 miles per gallon

[Hint](#)

Divide so that the denominator becomes 1.

close

2. At the Homecoming basketball game, Julia made 6 free throws in the course of 42 minutes of play. Write this rate as a unit rate.

- ☐ A. 1 free throw for every 6 minutes played ☐ B. 1 free throw for every 7 minutes played
☐ C. 2 free throw for every 15 minutes played ☐ D. 3 free throw for every 20 minutes played

[Hint](#)

3. Sanja can run 4 miles in 28 minutes. Arlen can run 8 miles in 72 minutes. If both of them run a mile, who will finish first and how much faster?

- ☐ A. Sanja by 1 minute faster ☐ B. Arlen by 2 minutes faster
☐ C. Sanja by 1.5 minutes faster ☐ D. Arlen by 1 minute faster

