

Math Emporium



The Student's Experience

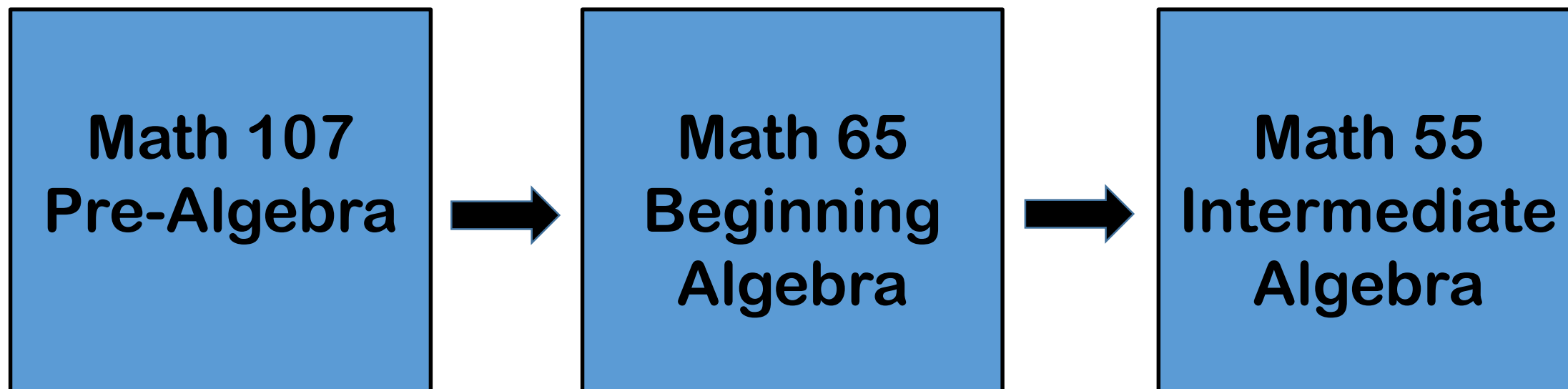
Background:

- **Fall 2015, LPC was awarded a Hispanic Serving Institution (HSI) Grant**
- **Primary goal is to improve the success rates of Hispanic and other disproportionately impacted students in basic math and STEM prerequisite math courses, to increase the number of Hispanic students pursuing STEM majors, and to increase the number of Hispanic students transferring to four-year STEM programs.**

What is the Math Emporium?

- A mode of offering in which students have the ability to complete their basic skills math courses in a personalized manner.
- Each student's overall experience will be unique.

Courses available in this mode:



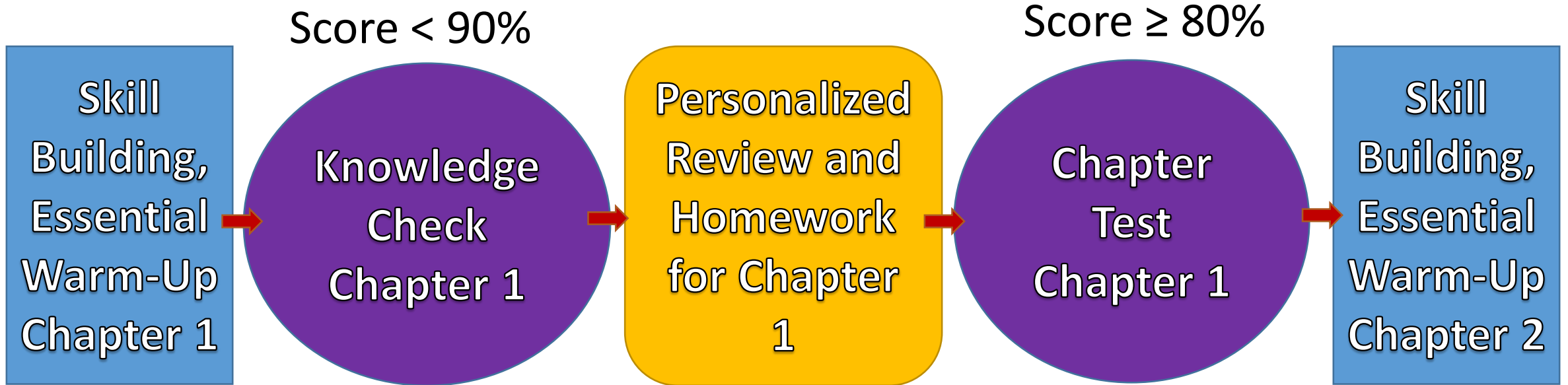
Students will:

- Be guided through study skills that are built into the course material.
- Be able to briefly review chapter content before taking a Knowledge Check to determine their preparedness for a chapter.
- Work at their own speed on homework sets that are created based on their skill set.

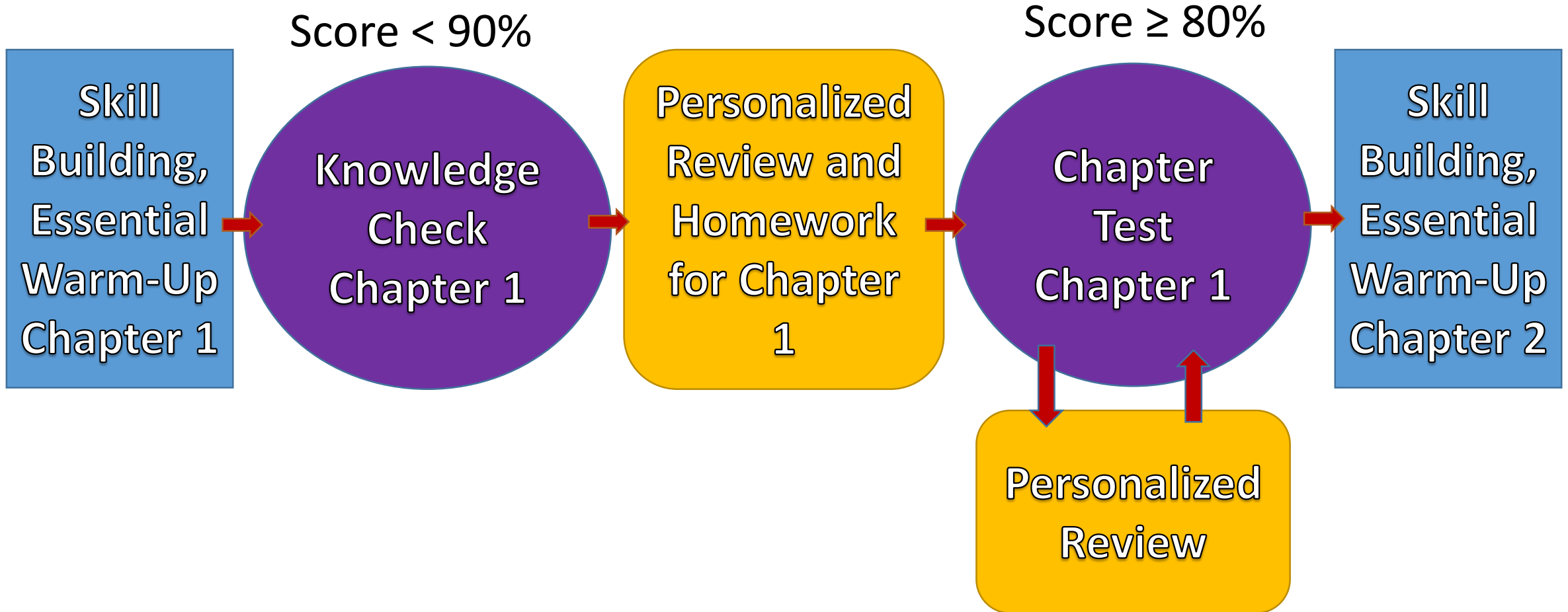
Students will:

- Attend workshops on topics they feel they need help with.
- Decide when they are ready to take a test.
- Take the length of time they need when testing (within the hours of operation).
- Be able to complete the course they enrolled in and possibly the next course in the sequence too!

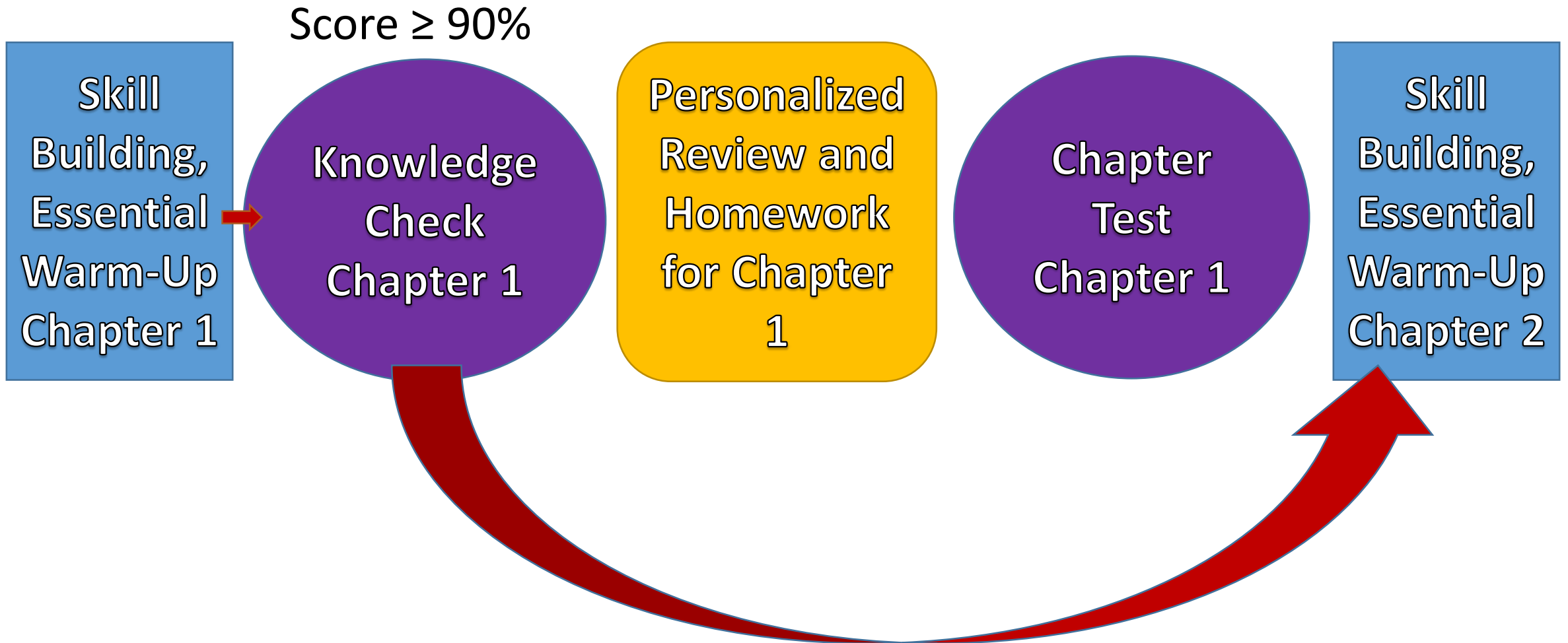
Course Flow



Course Flow



Course Flow



Materials and MyMathLab

MyMathLab®

My Courses

Course Home

Calendar of Target Dates

Classroom Staff

START HERE >

Study Plan

Gradebook

College Success >

Tools for Success

Course Home

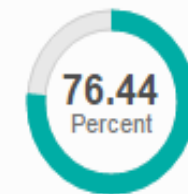
Math Emporium - 107 (Sample Course)

Announcements

2/21/17 **Welcome to LPC's Math Emporium.**
Please Click on Start Here to begin working on your course material.
[More](#)

[> All Announcements](#)

Overall Score



You have earned 676.44%.



How do I enter answers?

MyMathLab Help/Support

Course Information

START HERE

1



Fill out your **Course Progress Sheet** and insert it into the front of your binder.

2



Watch the **Orientation Videos** on the [Math Emporium website](#), if you have not done so yet.

[Introduction](#)
[Getting Started](#)
[Classroom Policies and Procedures](#)
[Testing](#)
[Your Progress and Course Grade](#)

3



Complete the [Orientation Assignment](#)

4

Click on **Chapter 1** from the **Course Menu**

MATH 107 ESSENTIAL WARM-UP CH. 1

DIVISION; APPLICATIONS; ORDER OF OPERATIONS; TRANSLATION; GEOMETRY

SLOs addressed: Problem Solving, Communication

Purpose: Review Long Division, Division Properties, Perimeter and Area, Applications, Order of operations and Translating Phrases into Variable Expressions.

INSTRUCTIONS: Read problems carefully. Make sure you are doing everything you are asked to do in a problem. Write your solutions in the space provided. Wherever feasible, **SHOW ALL** steps of your work or thinking. **You should not use a calculator to answer these questions.** Must be completed before you can take your Knowledge Check.

Division: Repeated subtraction OR the process of separating quantities into equal parts.

$$10 \div 5 = 2 \qquad \frac{10}{5} = 2 \text{ or } 10/5 = 2 \qquad 5 \overline{)10}^2$$

Notation: Division Symbol Fraction Bar Long Division
 "10 divided by 5 is 2" "10 divided by 5 is 2" "5 divided into 10 is 2"

Quotient: The answer to a division problem.

Dividend: The number being divided into.

10	÷	5	=	2
Dividend	÷	Divisor	=	Quotient

Divisor: The number you're dividing by.

Remainder: The left over part of the quotient.

Reminder: Long Division

(1) Ask: "14 times

To check your Result:

of it.

n-Up.

Are you ready to start?



Test: Chapter 1 Assessment

Questions: 36

Attempts: 0 of 1

This test **will** affect your Study Plan score.

Reminders

- ▶ You must submit this assignment before you can begin Section 1.2
- ▶ You must submit this assignment before you can begin Section 1.3
- ▶ You must submit this assignment before you can begin Section 1.4
- ▶ You must submit this assignment before you can begin Section 1.5
- ▶ You must submit this assignment before you can begin Section 1.6
- ▶ You must submit this assignment before you can begin Section 1.7
- ▶ You must submit this assignment before you can begin Section 1.8
- ▶ You must score at least 90% before you can begin Chapter 2 Assessment

[View a tutorial](#) on how to enter your answers before starting.



You can save this test to work on later. You must answer questions in order and you cannot return to a question after you have worked on it. Be sure to complete the question before clicking Next or Save for Later.

Start Test

Cancel

● Section 1.8	30/40*	75%	0m	09/06/16 8:35pm
● Section 1.7	10/29*	34.48%	0m	09/06/16 8:35pm
● Section 1.6	13/30*	43.33%	0m	09/06/16 8:35pm
● Section 1.5	18/25*	72%	0m	09/06/16 8:35pm
● Section 1.4	8/11*	72.73%	0m	09/06/16 8:35pm
● Section 1.3	25/29*	86.21%	0m	09/06/16 8:35pm
● Section 1.2	9/19*	47.37%	0m	09/06/16 8:35pm
◆ Chapter 1 Assessment	29.25/36	81.25%	17m	09/06/16 8:34pm

Learn → Practice → Access → Review

Section 1.2 Place Value, Names for Numbers, and Reading Tables



Watch the video for section 1.2 and fill in your lecture notes. Pause the video as needed as you fill in all blanks. Circle your answer to each numbered exercise. Then press Play to continue listening to the video.

Objective A Find the place value of a digit in a whole number.

The digits 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9 can be used to write numbers.

Whole Numbers: 0, 1, 2, 3, 4, 5, . . .

Natural Numbers: 1, 2, 3, 4, 5, . . .

The placement of a digit in a number determines its _____.

Use the place value chart in the video as a guide. Work with me in Video Exercise 1 to write the place value of the digit 5 in the number.

1. 657

Now press Pause and give the place value of the digit 5 in the number in Video Exercise 2. When you have completed your work, press Play to check your work and continue the Video Lecture.

2. 5423

Play and check.

astered YET.

Now that you have reviewed the material for the chapter, it is time to prepare for the chapter test.

1

Complete your Chapter 1 online [Practice Test](#).



Remember, calculators should not be used for chapter 1 content.

2

Complete your Chapter 1 [Chapter Test](#) (You will need to be in the testing room to access this.)

- Bring your Binder (with completed Binder Materials) to the testing room.
- Store your possessions in one of the cubbies and hand your binder to the IA.
- Have a seat at one of the computers, log into MyMathLab, Click on the Knowledge Check link.
- An IA will come in to grant you access.
- Neatly write up your work on the provided scratch paper.



No calculator allowed for this Knowledge Check.

**Reminders:**

- Score 90% or more on your Chapter Test and move on to Chapter 2.
- Score less than 90% on your Chapter Test and work on the customized review that covers the concepts you have quite mastered YET!
 - You should consider using your [study plan](#) to help review some of these concepts.
 - You might also consider taking the [Chapter Test](#) from your eTEXT. Each question is accompanied by a video solution.

Supports!

Mercury miles Earth

The two 3s in 48,337,000 represent...
ments. The place value of the 3 on...
the 3 on the right is ten-thousands

Examples Find the place

1. 396,418 2. 9

You Try It - Ex. 1
↑
hundred-thousands tho

Work Practice 1-3

Objective B Writing a V...
and in Star

189%

Play

Objective A

Objective B

Objective C

Objective D

Study Skills

00:00/1

18 of 19 (9 complete) HW Score: 47.37%, 9 of 19 pts

Question Help

Help Me Solve This

View an Example

Textbook

Ask My Instructor

Print

s of exercise and	Activity	120 lb	140 lb
t of the person	Moderate jogging	338	395
tivity burns the	Moderate walking	120	140
	Moderate cycling	150	175
	Aerobic dance	205	239
	Racquetball	234	273
	Tennis	172	200

Supports!



Peer

Each Other!

Inst... Assis



Instructor

Questions? Comments?

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