Objectives:

- Students will divide positive integers from the multiplication table without remainders, as evidenced by them passing one-minute quizzes.
- Students will multiply multi-digit whole numbers, as evidenced by them completing a warm-up worksheet where they do so.
- Students will multiply multi-digit decimals, as evidenced by them completing a homework assignment where they do so.

Student Materials on Desk Corner:

- Homework #3-12
- Homework Checker
- Warm-up & Notes Checker

Teacher Materials:

- "Minute Quiz 3-13" for each student
- "Warm-up 3-13" for each student
- "Unit Calendar" transparency
- Lecture Notes for Lesson 3-13
- "Homework #3-13" handout for each student

Student Materials for Class:

- Homework Log
- Binder Paper
- Pencils

Homework:

- Homework #3-13
- ALEKS

Time	Activity
10 min	MINUTE QUIZ AND ATTENDANCE
	Minute Quiz and Warm-up When the bell rings, quickly go around and put the minute quiz on each student's desk, face down. Then, start everyone on the quiz at the same time and give everyone one minute. While students are working on the quiz, pass out the warm-ups so that students can work on them once they're done with the minute quiz. After the minute is over, have a student collect the minute quizzes and give them to the teacher's aide (TA) to grade.
	Attendance, Collect HW, and Warm-up Check While students work on the warm-up, take attendance and have the TA collect homework & stamp homework checkers. At the end of the allotted time, go around and stamp the students' warm-up & notes checkers.
5 min	ALEKS GRADE UPDATE
	Explain to students: Keeping track of how much time you've put into ALEKS has been really difficult this semester because you had to subtract the number of hours you had first semester. So, I decided to take all the time that students had for the second semester, turn it into extra credit for homework, and then reset everyone's time. This helped a bunch of people's grades! Yay! The grading period ends next Friday, and by then, you need one hour in ALEKS.
25 min	LESSON
	Introduction Put up the unit calendar transparency and show students where they are in the unit. Remind students that we've been talking about the four operations: addition, subtraction, multiplication, and division. Earlier this week, we saw how to add decimals. Last lesson, we saw how to subtract decimals. Today, we will learn how to multiply decimals.
	Notes Teach the lesson using the notes. Once students are finished, stamp their warm-up & notes checkers.
10 min	CLASSWORK
	Give students the homework assignment as their classwork. They must do problems 1, 3, 5 before

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Lesson 3-13 – Multiplying Decimals

	they may work on ALEKS.
25 min	ALEKS
	Groups of students should be sent to get laptops for ALEKS . Remind students that when returning the laptops, they must first get them checked by you or the TA. Use this student work time to return graded homework .
5 min	CLEAN UP
	Students check the laptops with the teacher or the TA before putting them away. Then, they pack up, sit in their seats, and wait to be dismissed.

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Numeracy	
Minute Quiz 3-13 A	١

Name:

Date: Period:

Solve the following division problems. You have exactly one minute!

21 ÷ 7

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Name:

Minute Quiz 3-13 A

Date:

Period:

Solve the following division problems. You have exactly one minute!

$$63 \div 9$$

Numeracy Minute Quiz 3-13 A Name:

Date:

Period:

Solve the following division problems. You have exactly one minute!

$$63 \div 9$$

Numeracy	
Minute Quiz 3-13	В

Name:

Date: Period:

Solve the following division problems. You have exactly one minute!

Numeracy Minute Quiz 3-13 B Name:

Date:

Period:

Solve the following division problems. You have exactly one minute!

Numeracy

Name:

Minute Quiz 3-13 B

Date:

Period:

Solve the following division problems. You have exactly one minute!

 $8 \div 08$

$$20 \div 10$$

Solve the following division problems. You have exactly one minute!

Numeracy Minute Quiz 3 13 (

Period:

Solve the following division problems. You have exactly one minute!

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Period:

Solve the following division problems. You have exactly one minute!

Evaluate each multiplication problem.

1) 23 4

2) 23 5

3) 23 45

4) 123 4

5) 123 5

6) 123 45

7) 1234 56

8) 123 456

Numeracy Warm-up 3-13 Name: Date:

Period:

Evaluate each multiplication problem.

1) 23 4

2) 23 5

3) 23 45

4) 123 4

5) 123 5

6) 123 45

7) 1234 56

8) 123 456

Evaluate the following decimal multiplication problems.

1) 2.5 3

2) 3.2 0.4

3) 0.12 3

4) 1.36 0.2

5) 3.5 2.4

6) 2.13 4.5

7) 72.3 1.5

8) 0.532 0.24

9) 1.23 4.56

10) 23.43 2.1