Objectives:

- Students will memorize the multiplication table, as evidenced by them passing "minute quizzes."
- Students will review the material from unit 1, as evidenced by their completion of an in-class review packet where they do a problem from each lesson in the unit.

Student Materials on Desk Corner:

- Homework 1-13
- Homework Checker
- Readiness Checker

Student Materials for Later:

- Homework Log
- ~~Binder Paper~~
- Pencils

Teacher Materials:

- "Minute Quiz 1-14" for each student
- "Homework 1-13" answer key and grading roster for TA
- "Unit 1 Review" packet for each student
- "ALEKS Time" transparency

Homework:

- ALEKS
- Study for comprehensive test on Friday
- All HW corrections due Friday
- Office hours tomorrow after school

Time	Activity
Before Bell	**DO NOW** As students enter the classroom, shake hands and remind them that there is a minute quiz. So students need to be seated quietly with a pencil when the bell rings. Write the following "Do Now" on the board: • Take out a pencil and *quietly* wait for the minute quiz.
5 min	**MINUTE QUIZ** When the bell rings, quickly go around and put the **minute quiz** on each student's desk, facedown. Then, start everyone on the quiz at the same time and give everyone one minute. While students are working on the quiz, stamp the **readiness checkers** of students who were ready when the bell rang and had their readiness checkers out. Instruct the TA go around and collect **homework** and stamp **homework checkers**. Give the TA the answer key and have them grade the homework they collected.
75 min	**LESSON: UNIT 1 REVIEW** Follow the "Unit 1 Review" packet. While students work on the "your turn" problems, the teacher should **return graded homework**.
Extra Time	**ALEKS** If there is extra time remaining at the end of the period, students should continue with **ALEKS**. Put up **ALEKS Time** transparency that shows how much time students currently have on ALEKS.

Numeracy
Minute Quiz 1-14A

Name:
Date: Period:

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

10 • 7 =	4 • 7 =	1 • 12 =
12 • 7 =	12 • 7 =	5 • 11 =
10 • 8 =	4 • 4 =	11 • 12 =
2 • 2 =	5 • 10 =	4 • 6 =

Numeracy
Minute Quiz 1-14A

Name:
Date: Period:

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

10 • 7 =	4 • 7 =	1 • 12 =
12 • 7 =	12 • 7 =	5 • 11 =
10 • 8 =	4 • 4 =	11 • 12 =
2 • 2 =	5 • 10 =	4 • 6 =

Numeracy
Minute Quiz 1-14A

Name:
Date: Period:

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

10 • 7 =	4 • 7 =	1 • 12 =
12 • 7 =	12 • 7 =	5 • 11 =
10 • 8 =	4 • 4 =	11 • 12 =
2 • 2 =	5 • 10 =	4 • 6 =

Numeracy
Minute Quiz 1-14B

Name:
Date: Period:

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

8 • 1 =	2 • 5 =	6 • 12 =
4 • 4 =	11 • 2 =	3 • 2 =
9 • 7 =	6 • 10 =	1 • 9 =
7 • 1 =	11 • 1 =	3 • 3 =

Numeracy
Minute Quiz 1-14B

Name:
Date: Period:

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

8 • 1 =	2 • 5 =	6 • 12 =
4 • 4 =	11 • 2 =	3 • 2 =
9 • 7 =	6 • 10 =	1 • 9 =
7 • 1 =	11 • 1 =	3 • 3 =

Numeracy
Minute Quiz 1-14B

Name:
Date: Period:

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

8 • 1 =	2 • 5 =	6 • 12 =
4 • 4 =	11 • 2 =	3 • 2 =
9 • 7 =	6 • 10 =	1 • 9 =
7 • 1 =	11 • 1 =	3 • 3 =

Numeracy
Minute Quiz 1-14C

Name:
Date: Period:

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

10 • 6 =	8 • 6 =	11 • 4 =
6 • 11 =	3 • 4 =	12 • 12 =
8 • 5 =	3 • 7 =	11 • 11 =
12 • 11 =	11 • 1 =	5 • 1 =

Numeracy
Minute Quiz 1-14C

Name:
Date: Period:

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

10 • 6 =	8 • 6 =	11 • 4 =
6 • 11 =	3 • 4 =	12 • 12 =
8 • 5 =	3 • 7 =	11 • 11 =
12 • 11 =	11 • 1 =	5 • 1 =

Numeracy
Minute Quiz 1-14C

Name:
Date: Period:

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

10 • 6 =	8 • 6 =	11 • 4 =
6 • 11 =	3 • 4 =	12 • 12 =
8 • 5 =	3 • 7 =	11 • 11 =
12 • 11 =	11 • 1 =	5 • 1 =

Unit 1 Review

Numeracy • 2008-2009
Mr. Wong

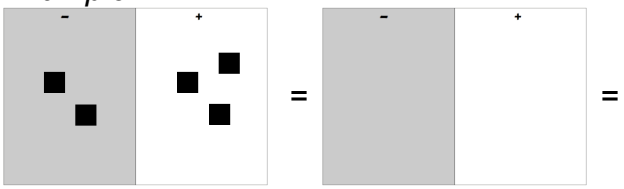
Name: _____ Period: _____

Lesson 1 – Math Autobiographies

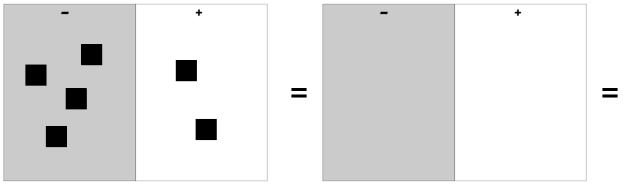
No key points on comprehensive exam.

Lesson 2 – Zero Pairs

Example:



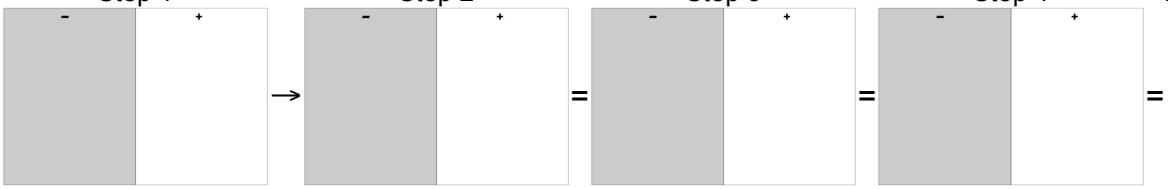
Your turn:



Lesson 3 – Adding Integers

Example: Evaluate (2) + (-3).

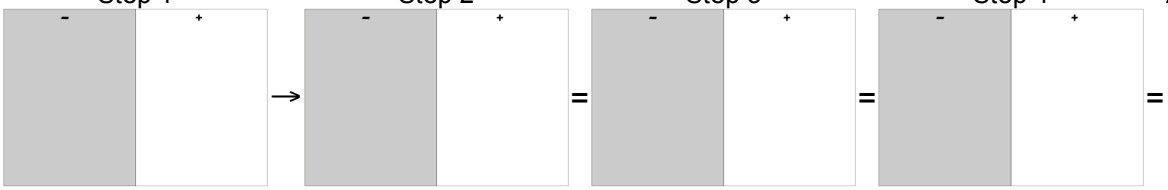
Step 1 Step 2 Step 3 Step 4 Answer



Remember to write the value under each integer mat →

Your turn: Evaluate (-4) + (5).

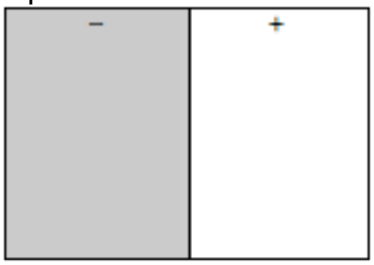
Step 1 Step 2 Step 3 Step 4 Answer



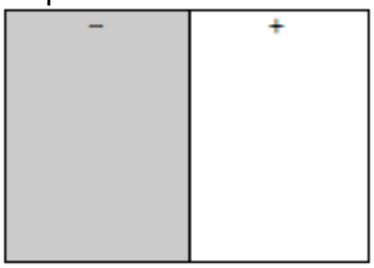
Remember to write the value under each integer mat →

Lesson 4 – Subtracting Integers

Example: Rewrite (1) – (-2) as an addition problem and solve on the integer mat.



Your turn: Rewrite (-4) – (-2) as an addition problem and solve on the integer mat.



Lesson 5 & 6 – Adding and Subtracting Big Integers with Base 10 Blocks

Example: Evaluate 127 + 45

Your turn: Evaluate 1537 + 469

Example: Evaluate 452 - 16

Your turn: Evaluate 6237 - 469

Lesson 7 – Multiplying Integers

Example: Evaluate 2•3

Your turn: Evaluate 3•4

Lesson 8 – Multiplying Big Integers

Example: Evaluate 372•14

Your turn: Evaluate 783•62

Lesson 9 – Multiplying Positive and Negative Integers

Example: Evaluate 2•(-3)

Your turn: Evaluate (-2)•(-3)

Lesson 10 – Multiplication Tricks

Example: Evaluate 76•99

Your turn: Evaluate 54•999

Lesson 11 – Division with Manipulatives (Trucks & Boxes)

Example: We start with **10** boxes, which divide into **3** trucks so that each truck has _____ boxes and _____ boxes remain in the loading area.

Your turn: We start with **25** boxes, which divide into **2** trucks so that each truck has _____ boxes and _____ boxes remain in the loading area.

Lesson 12 – Partial Quotients (and) Lesson 13 – Long Division

Example: Evaluate 932 ÷ 7

Your turn: Evaluate 3829 ÷ 92

Lesson 14 – Unit 1 Review
Lesson 15 – Unit 1 Comprehensive Exam

Multiplication Table

•	1	2	3	4	5	6	7	8	9	10	11	12
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

•	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	18	24	28	32	26	40	44	48
5	5	10	15	18	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144