Objectives:

- Students will memorize the multiplication table, as evidenced by them passing "minute quizzes."
- Students will divide positive integers to find the quotient and remainder, as evidenced by them completing a warm-up worksheet.
- Students will plot mixed numbers and improper fractions on the number line, as evidenced by them completing a homework assignment where they do so.

Student Materials on Desk Corner:

- Homework #2-2
- Homework Checker
- Readiness Checker

Student Materials for Class:

- Homework Log
- Binder Paper
- Pencils

Teacher Materials:

- "Warm-up 2-3" for each student
- "Minute Quiz 2-3" for each student
- "Homework #2-2" answer key and grading roster for TA
- "Homework #2-3" handout for each student

Homework:

- Homework #2-3

Time	Activity
Before Bell	**DO NOW** As students enter the classroom, shake hands and give them a copy of the **warm-up**. Remind students that there is a minute quiz, so students need to be seated quietly with a pencil when the bell rings.
5 min	**MINUTE QUIZ, HOMEWORK COLLECTION, AND WARM-UP** **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. **Homework Collection** Instruct the TA go around and collect **homework** and stamp **homework checkers**. Give the TA the answer key and have him or her grade the homework that was collected. **Warm-up** After the minute quiz, students should work on the **warm-up** while you take **attendance**.
20 min	**LESSON: PLOTTING FRACTIONS** **Notes** Follow the handwritten Cornell Notes. **Homework** Pass out the ""Homework #2-3" handout and have students write down the assignment on their homework logs. Remind students that you will be available after school for office hours.
55 min	**ALEKS** Students should continue with **ALEKS**. Use this student work time to **return graded homework**.

Numeracy
Minute Quiz 2-3 A

Name:
Date: Period:

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

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

Numeracy
Minute Quiz 2-3 A

Name:
Date: Period:

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

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

Numeracy
Minute Quiz 2-3 A

Name:
Date: Period:

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

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

Numeracy
Minute Quiz 2-3 B

Name:
Date: Period:

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

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

Numeracy
Minute Quiz 2-3 B

Name:
Date: Period:

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

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

Numeracy
Minute Quiz 2-3 B

Name:
Date: Period:

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

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

Numeracy
Minute Quiz 2-3 C

Name:
Date: Period:

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

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

Numeracy
Minute Quiz 2-3 C

Name:
Date: Period:

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

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

Numeracy
Minute Quiz 2-3 C

Name:
Date: Period:

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

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

Numeracy
Warm-up 2-3

Name:
Date: Period:

Solve the following division problems by finding the quotient and the remainder.

1) 32 ÷ 8

2) 108 ÷ 12

3) 100 ÷ 25

4) 144 ÷ 6

5) 835 ÷ 5

6) 853 ÷ 4

7) 1942 ÷ 15

8) 537 ÷ 37

Numeracy
Warm-up 2-3

Name:
Date: Period:

Solve the following division problems by finding the quotient and the remainder.

1) 32 ÷ 8

2) 108 ÷ 12

3) 100 ÷ 25

4) 144 ÷ 6

5) 835 ÷ 5

6) 853 ÷ 4

7) 1942 ÷ 15

8) 537 ÷ 37

Lesson 2-3
Numeracy

Tom Wong
10/10/08

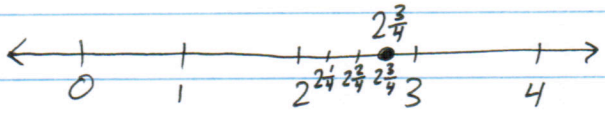
Plotting Fractions

Section → Examples

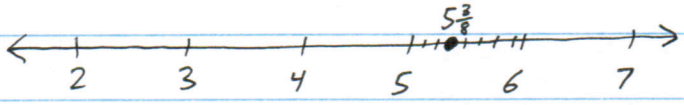
Fractions are numbers! So, we can plot them on the number line.

Ex: Plot $2\frac{3}{4}$ on the number line.

$2\frac{3}{4} =$ ○ ○ △ △ △

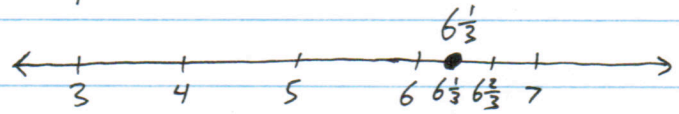


Ex: Plot $5\frac{3}{8}$.



Ex: Plot $\frac{19}{3}$

$$3\overline{)19} \quad \begin{array}{r} 6 \\ -18 \\ \hline 1 \end{array} \quad \Rightarrow \quad \frac{19}{3} = 6\frac{1}{3}$$

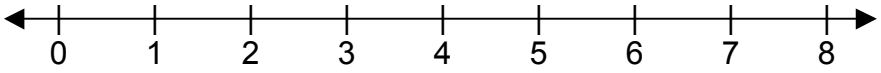


Numeracy
Homework #2-3 – Plotting Fractions

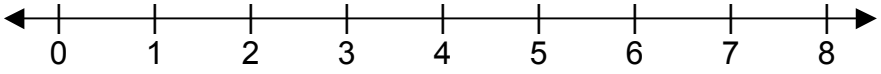
Name:
Date: Period:

Plot the following fractions on the number line provided for you. You may want to convert improper fractions into mixed numbers to make them easier to plot.

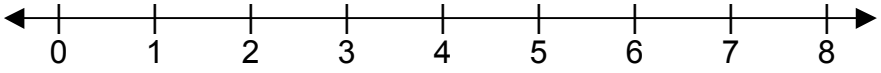
1) $3\frac{1}{4}$



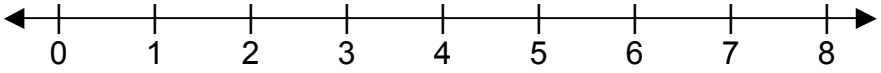
2) $6\frac{1}{2}$



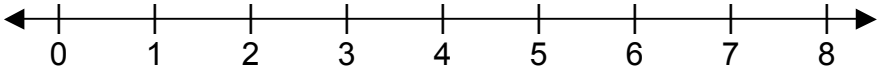
3) $\frac{3}{4}$



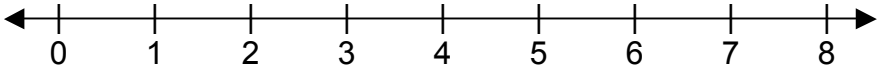
4) $\frac{9}{2}$



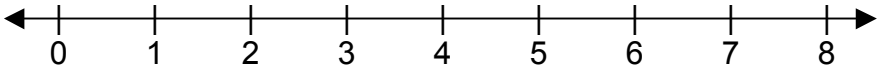
5) $1\frac{2}{5}$



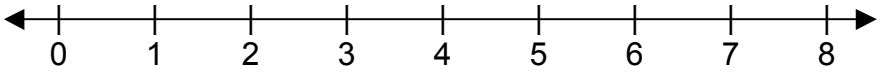
6) $3\frac{7}{8}$



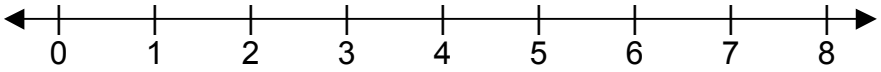
7) $\frac{22}{4}$



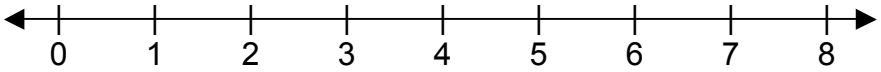
8) $2\frac{1}{3}$



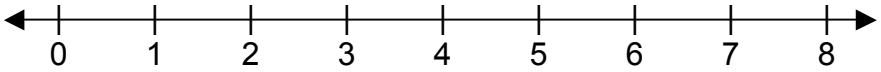
9) $4\frac{3}{8}$



10) $7\frac{1}{4}$



11) $3\frac{6}{7}$



12) $\frac{32}{5}$