Objectives:

- Students will memorize the multiplication table, as evidenced by them passing "minute guizzes."
- Students will find equivalent fractions, as evidenced by them completing a warm-up worksheet where they do so.
- Students will add and subtract fractions with differing denominators, as evidenced by them completing a homework assignment where they do so.

Student Materials on Desk Corner:

- Homework #2-26
- Homework Checker
- Readiness Checker

Teacher Materials:

- "Warm-up 2-27" for each student
- "Minute Quiz 2-27" for each student
- "Homework #2-26" answer key and grading roster for TA
- "Homework #2-27" handout for each student

Student Materials for Class:

- Homework Log
- Binder Paper
- Pencils

Homework:

- Finish Homework #2-27
- ALEKS

Time	Activity
10 min	MINUTE QUIZ, WARM-UP, HOMEWORK COLLECTION, AND ATTENDANCE
	Minute Quiz and Warm-up 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, pass out the warm-ups so that students can work on them once they're done with the minute quiz. Also, stamp the readiness checkers of students who were ready when the bell rang and had their readiness checkers out.
	Homework Collection and Attendance 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. During this time, take attendance.
	Warm-up & Notes Checker Once all the homework is collected, go around and stamp the students' "Warm-up and Notes Checkers."
25 min	LESSON: ADDING DIFFERING DENOMINATORS
	Notes Follow the handwritten Cornell Notes. Once students are finished, go around and stamp the students' "Warm-up and Notes Checkers."
20 min	CLASSWORK
	Pass out the homework/classwork handout and have students write down the assignment on their homework logs. Have the TA pass out fraction circles and write own which student has which set of fraction circles. Students should use the fraction circles to complete Homework #2-26, which will serve as the classwork.
25 min	ALEKS
	When students finish their classwork, they should continue with ALEKS . Use this student work time to return graded homework .

Numeracy 2008-2009 1 of 1

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

Numeracy

Minute Quiz 2-27 A

Name:

Date:

Period:

Period:

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

Minute Quiz 2-27 A

Name:

Date:

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

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

Numeracy Minute Quiz 2-27 B

Date:

Period:

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

Numeracy Name:
Minute Quiz 2-27 B Date: Period:

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

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

Numeracy Minute Quiz 2-27 C

Date:

Period:

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

Numeracy

Name:

Minute Quiz 2-27 C

Date:

Period:

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

Fill in the blanks so that the following fractions are equivalent.

1)
$$\frac{3}{5} = \frac{20}{20}$$

2)
$$\frac{[}{5} = \frac{48}{40}$$

3)
$$\frac{6}{8} = \frac{3}{4}$$

4)
$$\frac{2}{[]} = \frac{6}{21}$$

5)
$$\frac{11}{6} = \frac{44}{6}$$

6)
$$\frac{4}{7} = \frac{28}{5}$$

7)
$$\frac{[]}{12} = \frac{33}{36}$$

8)
$$\frac{10}{35} = \frac{50}{35}$$

9)
$$\frac{42}{100} = \frac{84}{100}$$

10)
$$\frac{17}{20} = \frac{100}{100}$$

11)
$$\frac{12}{18} = \frac{3}{3}$$

12)
$$\frac{7}{3} = \frac{3}{24}$$

Numeracy Warm-up 2-27 Name: Date:

Period:

Fill in the blanks so that the following fractions are equivalent.

1)
$$\frac{3}{5} = \frac{20}{20}$$

2)
$$\frac{[]}{5} = \frac{48}{40}$$

3)
$$\frac{6}{8} = \frac{3}{4}$$

4)
$$\frac{2}{[]} = \frac{6}{21}$$

$$5) \ \frac{11}{6} = \frac{44}{6}$$

6)
$$\frac{4}{7} = \frac{28}{1}$$

7)
$$\frac{[]}{12} = \frac{33}{36}$$

8)
$$\frac{10}{35} = \frac{50}{35}$$

9)
$$\frac{42}{6} = \frac{84}{100}$$

10)
$$\frac{17}{20} = \frac{[]}{100}$$

11)
$$\frac{12}{18} = \frac{3}{3}$$

12)
$$\frac{7}{3} = \frac{3}{24}$$

$$E_{X}: \frac{1}{4} + \frac{5}{6} = ?$$

Step 2: Make same sized pieces and then add.

$$\frac{1}{4} = \frac{1 \cdot 3}{4 \cdot 3} = \frac{3}{12}$$

$$\frac{5}{6} = \frac{5 \cdot 2}{6 \cdot 2} = \frac{10}{12}$$

$$\frac{3}{12} + \frac{10}{12} = \frac{13}{12}$$

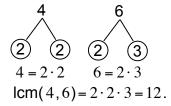
remaining

Add the following fractions by finding equivalent fractions with common denominators. Then, simplify your answer.

Ex.)
$$\frac{1}{4} + \frac{5}{6}$$

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

First, find lcm(4,6), which is the best common denominator to use.



Then, find equivalent fractions and add.

$$\frac{1}{4} = \frac{1 \cdot 3}{4 \cdot 3} = \frac{3}{12}$$

$$\frac{5}{6} = \frac{5 \cdot 2}{6 \cdot 2} = \frac{10}{12}$$

$$\frac{3}{12} + \frac{10}{12} = \frac{13}{12}$$

Now, simplify.

low, simplify.

$$12)13 \Rightarrow \frac{13}{12} = \boxed{1\frac{1}{12}}$$

$$\frac{12}{1}$$

2)
$$\frac{7}{12} + \frac{5}{8}$$

3)
$$\frac{1}{4} + \frac{2}{3}$$

Subtract the following fractions by finding equivalent fractions with common denominators. Then, simplify your answer.

4)
$$\frac{9}{6} - \frac{9}{8}$$

5)
$$\frac{2}{3} - \frac{2}{9}$$

6)
$$\frac{11}{24} - \frac{3}{8}$$

7)
$$\frac{5}{6} - \frac{2}{5}$$