3. Find \( x \).

Here it is.
Welcome to Math 98M
Foundation Math
4 classrooms within close proximity

1 instructor per classroom

20 computers in each classroom

0 to 2 tutors or mentors
COURSE DESCRIPTION AND OBJECTIVES

BASIC MATHEMATICS COURSE

- Mastery of learning objectives
- Includes fractions through algebra

ALEKS

- Computer aided instruction learning system
- Can be accessed from home computer
First week of Class

1st day: Orientation
Orientation is held at the same time

2nd day: Assessment
ALEKS is utilized to assess students’ math skills

3rd day: Learning styles/study skills
4th day: Reshuffle students

Students are reshuffled into appropriate classrooms based on their math skills

Reshuffle students approximately every 3 weeks
**Required Supplies**
- Foundation Math Packet
- Pencil & Paper
- Scientific Calculator

**Attendance**
- 4 times a week
- 6 absences = Dropped from class
- 3 late arrivals or early departures = 1 absence

**Grading**
- Credit Course
- No letter grades
- N=course not completed

**Classroom Rules**
- NO Cell phones & PDAs
- NO Food & Drink

**Withdrawal Dates**
- Jan 14: 100% Refund
- Jan 31: 50% Refund
- Mar 28: No Refund — “W”

**Testing Rm Hrs**
- M thru TH: 9am-8pm
- Fri: 9am-1pm
COMMON FRACTIONS ASSIGNMENT CHECKLIST (ALEKS)

Last Name: _______________ First Name: ___________________________ Date: ________

Instructor: ____________ Class Time: ________

Do all assignments in order. Show all work.

<table>
<thead>
<tr>
<th>Required Assignments</th>
<th>Initial/Date</th>
<th>Initial/Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Shady Parts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Puzzle Craze</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Is It the Same?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Always Simplest (even #’s)</td>
<td></td>
<td>_______ (odd #s)</td>
</tr>
<tr>
<td>5. Measuring Up</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Partly Yours (even #’s)</td>
<td></td>
<td>_______ (odd #s)</td>
</tr>
<tr>
<td>7. 2-Point Conversion (even #’s)</td>
<td></td>
<td>_______ (odd #s)</td>
</tr>
<tr>
<td>8. Words Under the Bridge (even #’s)</td>
<td></td>
<td>_______ (odd #s)</td>
</tr>
<tr>
<td>9. Least Common (even #’s)</td>
<td></td>
<td>_______ (odd #s)</td>
</tr>
<tr>
<td>10. Ordering Fractions (even #’s)</td>
<td></td>
<td>_______ (odd #s)</td>
</tr>
<tr>
<td>11. Adding &amp; Subtracting (even #’s)</td>
<td></td>
<td>_______ (odd #s)</td>
</tr>
<tr>
<td>12. Problem Solving I (even #’s)</td>
<td></td>
<td>_______ (odd #s)</td>
</tr>
</tbody>
</table>

TAKE THE POST TEST: Form: ____ Form: ____ Form: ____ Form: ___

UNIT COMPLETED

Instructor’s Signature ____________________________ Date: ________
INTERMEDIATE OBJECTIVES
- Fractions
- Decimals
- Signed Numbers
- Simple Algebra
- Percent
- Ratio & Proportion

HOMEWORK
- Assigned Every day
- Separate Sheet
- Proper Format
- Incorrect work returned to student to redo

TESTS & ASSESSMENTS
- ALEKS Assessment Given at various times
- Must pass ALEKS assessment and complete all homework before test taken
- Passing Score for tests is 75%

ALTERNATE CREDIT COURSE
- Credit in Math 97
- Complete 2 objectives in Math 98M
- Continue to attend class
- Make progress
- Math 97 not a substitute for Math 98M

HOMEWORK
• Assigned Every day
• Separate Sheet
• Proper Format
• Incorrect work returned to student to redo

TESTS & ASSESSMENTS
• ALEKS Assessment Given at various times
• Must pass ALEKS assessment and complete all homework before test taken
• Passing Score for tests is 75%

ALTERNATE CREDIT COURSE
• Credit in Math 97
• Complete 2 objectives in Math 98M
• Continue to attend class
• Make progress
• Math 97 not a substitute for Math 98M
What Is Math 97?

Math 97 is an alternate credit course given to students who completes two modules in a semester.

Students can only receive credits for Math 87 twice.
Memorandum of Agreement

I __________________________, have read the Syllabus for Math 98M and agree to its terms. Furthermore,

Initial

______ I agree to be moved to the Math 97 course if I fulfill the criteria stated in the syllabus.

______ If I am absent from class for more than five (5) days throughout the semester, I agree to be dropped from the class roster and receive a “W” grade for the Math 98M course without any tuition refund whatsoever.

______ I understand that if I receive a “W” or “N” grade for Math 98M, I will not receive credit in Math 97.

______ I also understand that by receiving a “W” or “N” grade I may accrue a financial obligation with the Financial Aid Office of Honolulu Community College and/or any other agency that has granted me aid and that I may have to pay back some or all of the financial aid I have received for this semester.

_________________________________________   ______________________
Signature of Student                     Date
Grade Distribution for Math 98 - Fall 2010

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>V%</th>
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<tbody>
<tr>
<td>MATH 98M</td>
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<tr>
<td>CR</td>
<td>50</td>
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<td>N</td>
<td>33</td>
<td>27.3</td>
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<tr>
<td>W</td>
<td>38</td>
<td>31.4</td>
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<td>MATH 97</td>
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<tr>
<td>CR</td>
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<tr>
<td>W</td>
<td>1</td>
<td>1.4</td>
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SPRING 2011 Headcount Enrollment for MATH 98: 216

Grade Distribution for MATH 20B/C/D - Fall 2009

<p>| | | |</p>
<table>
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<tr>
<th></th>
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<tbody>
<tr>
<td>MATH 20B</td>
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<tr>
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<td>MATH 20D</td>
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<tr>
<td>Success rate</td>
<td>2/8.7%</td>
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</table>
LESSONS LEARNED

Get instructors who have the same teaching philosophy

Be open, flexible, and willing to make changes as needed

Get administrative support

Think about your student population and go with the model that you feel will work for them
For syllabus, log on to http://honolulu.hawaii.edu/syllabus

Click on Math and submit Download Math 98M, Spring 2011