

MAT 099 - G12

MTWF

Intermediate Algebra

Homework due day after we finish the section
Beginning of class.

EDBH 134 K , 339-6238

E-mail: Use course tool

Emergency: steve.mills@aims.edu

Schedule:

Grades:

Essays 5% - 5 min. 1 per week

Homework 15%

40m Tests 60% (Drop 1)

Final Test 20%

Aims Policy

Common Sense
Common Courtesy

Need SCIENTIFIC Calculator

No Graphing Calculator on Test.

TI 30X IIB PREVIOUS ENTRY FEATURE

For big calculations

.. explorations

.. learning

2.1 Practice:

#51-12 Vocabulary & Readiness, pg 53

#5 1-79 odd.

HAND IN: #5 11, 21, 27, 41, 64 Due Wednesday

Due Friday: Syllabus Worksheet

Student Conduct Contract.

We have the following equivalences:

$$a=b \iff a+c=b+c$$

$$a=b \iff a-c=b-c$$

$$a=b \iff ac=bc$$

$$a=b \iff \frac{a}{c} = \frac{b}{c} \quad \} \text{ AND } c \neq 0$$

$$3x = 6$$

optional $\rightarrow \frac{3x}{3} = \frac{6}{3}$

$$x = 2$$

Need these steps

$$3x = 6 \implies$$

$$0(3x) = 0(6) \implies$$

$$0 = 0$$

Linear Equation

$$ax + b = c, \quad a, b, c \in \mathbb{R} \text{ and } a \neq 0.$$

B4
Class

Write down all definitions / theorems /
hints, procedures (See Pg 51)

§ 2.2 pg 57 General strategy

$$\# 23 \quad \S 2.1 \quad \frac{x}{2} + \frac{x}{3} = \frac{3}{4}$$

$$\text{LCD} = 12$$

$$12 \left(\frac{x}{2} + \frac{x}{3} \right) = 12 \left(\frac{3}{4} \right)$$

$$\cancel{6} \left(\frac{x}{\cancel{2}} \right) + \cancel{4} \left(\frac{x}{\cancel{3}} \right) = \frac{\cancel{3}x}{1} \cdot \frac{\cancel{3}}{\cancel{4}} =$$

$$6x + 4x = 9$$

$$10x = 9$$

$$\boxed{x = \frac{9}{10}}$$

} Clear
Frac.

By tomorrow, See Website 4 Syllabus &
~~to~~ start the Syllabus Quiz.