### Motivation

After being brought aboard on the TAACCCT 3 grant, I noticed that the students didn't see the connection between the math courses and other content courses. I was also tasked with helping improve developmental math scores. This led me to sitting in classes and trying to help the students make the connection.

#### <u>IEFA</u>

- Participation with students in a joint productive activity.
- Monitor and support student collaboration in positive ways.
- Listen to students talk about familiar topics such as home and community.
- Encourage students to use content vocabulary to express their understanding.
- Assures that students, for each instructional topic, see the whole picture as the basis for the understanding of all the parts.
- Interacts with students in socially appropriate ways that model conversations and courtesies of conversation.

### Learning Objectives

- Identify the connection between math and other courses.
- Demonstrate an improvement in their math understanding
- Construct a better study plan.

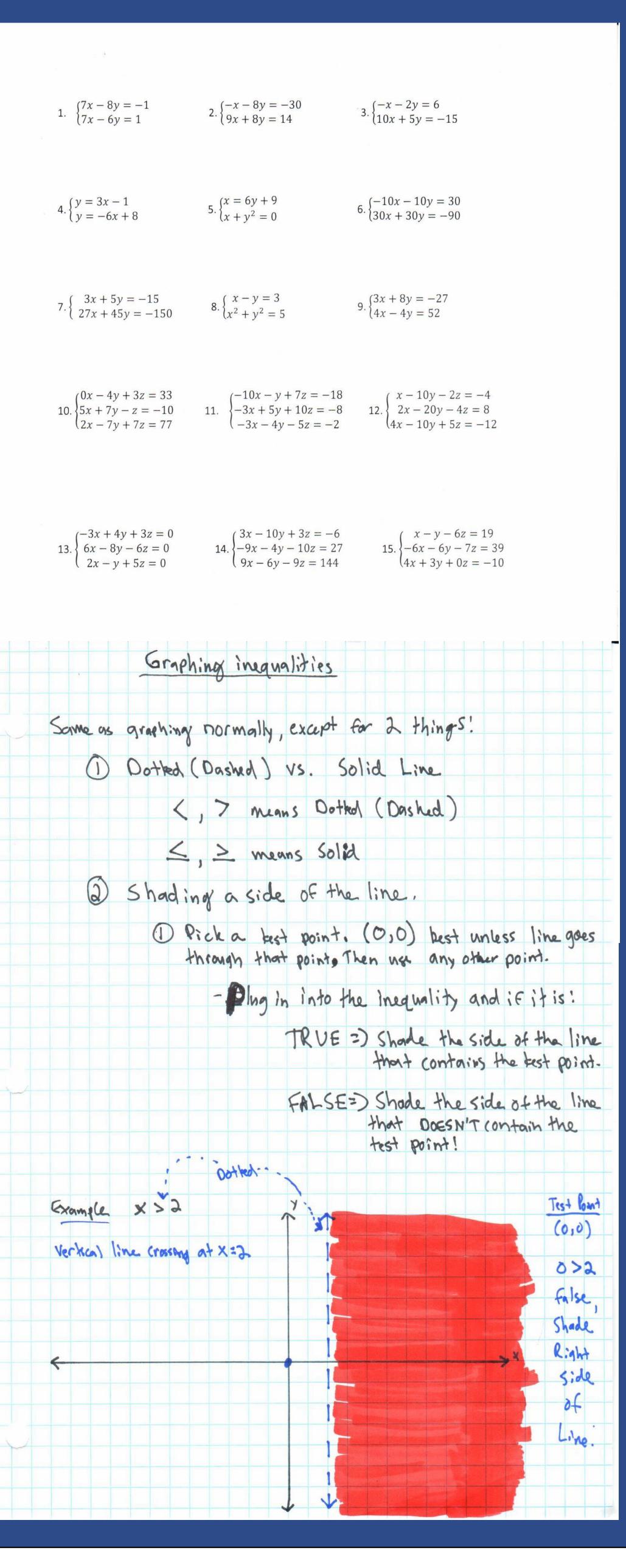
# Model of Embedding Math Tutor in Classrooms Kirk Olson

## <u>Activity Sequence</u>

Sit in/participate in classes that have math in their content.

- Help/instruct students.
- ATDI 264
- DST 216
- M 111
- Help Instructors when needed.
- Sit in math courses and help out as needed.
- Tutoring (one-one or "café" style)
  - Math help.
  - Other Courses help.
  - Talking, Listening, etc..
- "Liquid" Scheduling • Always changing

## <u>Materials & Technologies</u> <u>Involved</u>



## Reflection & Revision

Students loved having someone around to ask questions.

• Both Math and other content areas.

Helped construct a bridge between math and other courses with the students.

Made it easier for students to ask for help. (Math or other)



Kirk Olson Math Instructor/Tutor DOL/TAACCT College of Technical Sciences Electronics Building, Room 215 Phone: 406.265.3523 Fax: 406.265.3741 P.O. Box 7751 Havre, MT 59501 Email: kirk.olson@msun.edu