Welcome to the Problem Solving Workshop. This workshop is intended to help reinforce your knowledge of algebra and to help develop your ability to apply math and science principles. This workshop is designed to enhance your prospects for success at Missouri S&T.

Workshop Instructors

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Workshop Website

http://web.mst.edu/~pringle/psw/

Workshop Documents

All workshop documents, including this syllabus, homework assignments, and lecture slides can be found on Blackboard (blackboard.mst.edu).

Text

No textbooks are required for this workshop.

Calculators

Calculator use is strictly prohibited during the mathematics portion of the workshop. You may find a calculator to be useful for the physics labs.

Homework

This is an academic workshop. The seven math problem sets in this packet will be assigned (but not collected) during this workshop. Every workshop student has one designated Learning Center hour daily in which to work on the problem sets, although you should not anticipate that the learning center time will always be sufficient to complete the assigned problems. Problem set solution keys will be available on Blackboard. Failure to complete the sets as assigned will likely have a negative impact on your algebra exit exam score and thus your fall math placement.
Examination

A two-part exit exam focusing on algebra skills will be given at the end of the workshop. It is important that you perform to the best of your ability on this examination because the results will be used by placement advisors in the math department to place you in the proper math class for the fall semester.

Fall Mathematics Placement

Although you should already be enrolled in a mathematics course for the fall, please be aware that your exam performance may result in your tentatively scheduled course being changed (either up or down). Failure to take the exit exam will likely cause your placement to be lowered. You will be notified via email if your fall math course is changed.

Expectations

To receive the full benefit of this workshop, you will need to arrive at the workshop promptly, pay attention and take notes in lectures, participate fully in group activities, and do the work assigned. Use the daily Learning Center hour wisely! It is permissible for groups of students to work together to determine how to solve a math problem, but it is expected that each student will generate his or her own solution. For some of the physics laboratory assignments, groups of two or more students will be allowed to turn in a single report. You will be notified when this is allowed.

Workshop Schedule

When you received this syllabus, you were given an Individual Student Schedule. This schedule includes your section assignment and the detailed schedule for this week. You are responsible for adhering to the schedule contained therein and for knowing your section assignment. As a backup, please write your name and section assignment in the space below.

Name:________________________

Section:_________

Should you lose your Individual Student Schedule, a generic schedule will be posted on Blackboard, but you will need to know your section assignment for the generic schedule to be useful.