There are many mistakes that students make when they learn to add, subtract, multiply, or divide.

For each mistake, do/talk about the following:

a) Work the problem out correctly. (No explanation necessary in this first step.)

[In steps b) - d) talk directly to the student. Be as specific as possible and include appropriate terminology in all explanations.]

- b) Looking at a rough estimation or at the reasonability of the answer, alert the student that there must be a mistake in his/her work.
- c) Identify and explain his/her mistake to the student.
- d) Talk the student through the correct calculation focusing on avoiding the mistake from before.
 - Work part a) for each problem
 - Discuss parts b) d) for each problem.
 - For ONE subtraction of your choice, for ONE multiplication of your choice, and for ONE division of your choice, write paragraphs answering parts b) d) as you would on an exam. This exercise is for practice only and will not be collected, but you should have other group members critique your work.
- 1) Susie subtracted:

2) Bert subtracted:

3) Aaron subtracted:

$$\frac{3513}{-1708}$$

4) Doug multiplied:

5) Ron multiplied:

6) Linda multiplied:

page 2 of 2 (divisions) will be discussed separately, most likely next class period.