Math 7A students: you may correct all <u>quizzes</u> on which you earned LESS THAN a 75%. <u>You may not correct tests</u>.

Your grade can go up to but not higher than 75% by completing corrections. However, completing corrections does not guarantee that your grade will change to 75%. Corrections must be thorough and correct in order to change your grade.

Please follow the instructions below.

- **DO NOT write on the original quiz after it has been graded.**

- **Test corrections must be done on a separate piece of paper and stapled behind the original test or quiz.**

- <u>**EXPLAIN IN DETAIL STEP BY STEP HOW TO DO THE PROBLEM CORRECTLY**</u>. <u>It is not sufficient to explain what you did wrong</u>. You must show me you know how to do the problem correctly and that you understand more generally how to do other problems like it. Pretend you are teaching it to a slightly younger sibling. Your job is to convince me that you could do any problem like the one you got wrong on the test, and that you have learned what I wanted you to learn

- You do not need to correct parts of the problem that were correct. **Start where your error occurred.**

- It is impossible to lose points by attempting corrections! It is in your best interest to always attempt corrections.

- Corrections must be handed in the day they are due. No late corrections will be accepted.

- You may not do corrections for extra credit problems.

- Write clearly and keep your paper neat. I'm more likely to award points if I can read what you've written!

- Corrections will almost always be due two school days after the quiz or test is handed back. This gives you plenty of time to get help.

Let's say you took a test on order of operations and the following problem appeared:
Evaluate $4 - 7 + 8 \div 4 \times 2^2$.

Suppose that on the test you did this:

$4 - 7 + 8 \div 4 \times 2^2$
$-3 + 8 \div 4 \times 4$
$-3 + 8 \div 16$
$-3 + \frac{1}{2}$
$-2\frac{1}{2}$

This is incorrect, and your test will be marked accordingly.

Now let's further assume that you would like to get back some of the points you lost, so you decide to correct this test. Here's the kind of thing I want to see on test corrections. Note that this correction explains in detail the correct procedure to solve this problem. This way I have no doubt that you know how to do the problem.

Here's an idea of what you should write:

> The correct order of operations is parentheses, exponents, multiplication and division from left to right, addition and subtraction from left to right.
>
> $4 - 7 + 8 \div 4 \times 2^2$ There are no parentheses in this problem, so I begin with the exponent.
>
> $4 - 7 + 8 \div 4 \times 4$ The next step is to do multiplication and division from left to right. Since $8 \div 4$ is further left, that comes first.
>
> $4 - 7 + 2 \times 4$ Now do the multiplication.
>
> $4 - 7 + 8$ Next comes addition and subtraction from left to right. Since the subtraction is further left, that's what I need to do next.
>
> $-3 + 8$ Last step: the addition.
>
> 5 My final answer.

YES, THIS IS A LOT OF WRITING! That's what I want to see on corrections. You need to PROVE to me that you fully understand the problem now.

Note: if you made a simple arithmetic error (such as saying that $2 + 3 = 6$), you may simply state something like "I made an arithmetic error. Obviously $2 + 3$ is 5, not 6!" Then redo the problem correctly.