MAKING TEST CORRECTIONS –
 -Complete on notebook paper and attach to your test

1. Write a short explanation of what the question is about?
 What information was this question checking to see if you know/understand?

2. Explain WHAT IS WRONG with the answer you picked.
 You can’t say: “A is wrong because C is right.”
 OR “ A is wrong because A doesn’t do that”

3. Give the correct answer along with a source where you found it.

If ATP breakdown (hydrolysis) is inhibited, which of the following types of movement across cell membranes is also inhibited?

(A) Movement of oxygen into a cell

(B) Movement of water through aquaporins

(C) Passage of a solute against its concentration gradient

(D) Facilitated diffusion of a permeable substance

 2013 AP BIO Released Exam

EXAMPLE:

1. This question is checking to see if you understand:
 How different kinds of transport work?
 How different kinds of molecules move across membranes?

 How ATP works to provide energy for cell activities?

2. A is wrong because ATP hydrolysis releases energy. Since A (B and D too) is a kind of
 passive transport that doesn’t require energy, it would not be affected by inhibiting
 the hydrolysis of ATP.

 REMEMBER: YOU CAN’T SAY: “A is wrong because C is right” OR
 “ because the movement of oxygen isn’t inhibited by inhibiting ATP breakdown.”

3. C is correct because moving a solute against its gradient requires energy (active transport)
 so it would be affected by inhibiting ATP hydrolysis.
 “Found on Page 42 in textbook” OR “Found in BILL-Types of transport organizer”.