

### **Test #1 Solution Correction**

I copied the answer wrong for the first question part 3. I meant to write "95%" instead of "90%". If you use "95%", you obtain  $S = 19 K_M$ , and the answer you would obtain is 304 mM. If you use 90%, then you obtain  $S = 9 K_M$ , and the answer you would obtain is 144 mM. I incorrectly gave the answer to 90% as 304 mM because I copied it from my notes wrong. Sorry.

Receiving full credit for this problem does not rely on the specific numeric answer. Receiving full credit relies on what you take to be "reasonably accurate", and then coming up with an answer based on your own assumption. A 95%, 90% or even a 99% value for closeness to  $V_{MAX}$  would be reasonable, depending on one's tolerance for error. It is unlikely that 50% error would be an acceptable tolerance to error.