

Exploring Creation with Chemistry, 3rd Edition – Errata File

This file contains the corrections for the 5th Printing: March 2020, of the **Solutions and Tests Manual**. The printing for the Solutions and Tests Manual may not be the same as for the Textbook and Student Notebook. Corrections for the Textbook and Student Notebook are in separate files. (Updated July 2024)

Page 15 – Test #1, answer to Question #6, gray box: change 300 mg to **30.0** mg

Page 85 – In the answer to Module 5 Practice Problem #7 at the top of the page, underline the word '**bent**' along with the rest of the underlined answer.

Page 108 – Solution to Module 6 Extra Practice Problem #8 – On the products side, change 2NaBr (s) to 2NaBr (**aq**).

Page 119 – In the second gray box, change 100 g/~~mL~~ to **1.00** g/~~mL~~.

Page 130 – Module 7 Test Answer for #10 – in the 2nd gray box, change 10 g Li to **10.0** g Li in the first numerator.

Page 142 – Solution to Module 8 Extra Practice Problem #8 – in the 2nd line, change 100.0 g to **200.0** g two times.

Page 145 – Module 8 Test Question #11 – change 6.4 g of O to 6.4 g **O₂**. Change this on the Test Pages, page 34 as well.

Page 170 – In the first gray box, in the second numerator, change 1 mole NaOH to 1 mole **C₂H₄O₂**.

Page 174 – Module 9 Extra Practice Problem #11, 3rd gray box, final answer: add a 0 to the end of the number so it reads "**0.000880**" which matches the next gray box.

Page 176 – question #7 answer c. Change Mg⁺² to Mg²⁺ and answer d. change OH⁻² to OH²⁻.

Make these same changes to the Test for Module 9 in the Test Pages.

Page 178 – Answer to #7, change Mg²⁺ to Mg²⁺.

Page 200 – In the answer to Module 11 Practice Problem #3, last gray box, add **P₂ =** before the answer.

Page 250 – #19 – In the first sentence, the equation should be $\Delta T = - i K_f m$. Add a negative sign.

Page 251 – in the first gray box, $\Delta T = - i K_f m$. Add a negative sign.

Page 251 – Quarterly Test 3, answer to question # 21 – in the written explanation, first sentence, change '...use equation 11.3.' to '...use equation **10.3.**'

Page 256 – Solution to Module 13 Practice Problem #1 – in the 2nd paragraph of explanation, change the last sentence to: Equation **13.2** becomes:

Page 294 – #8b, in the second sentence, reverse the words ‘reactants’ and ‘products’ so the sentence reads: There are 4 gas molecules on the products side and only 2 on the reactants side.

Page 324 – Quarterly Test 4 – Question #24 – On the products side of the given equation, change $2\text{VO}^{2+}(\text{aq})$ to $2\mathbf{VO}^{2+}(\text{aq})$. The plus sign should be a superscript. Change this on the Test Pages, page 83 as well.