

Corrections to Answers in Tro (4th Ed)

The following list corrections is likely not complete. Please let us know if you find others.

Chapter 2

- #53 All neutrons should have the symbol 1_0n

Chapter 3

- #145 Significant figures make a big difference in this answer. Answer may range from 0.210 to 0.225.

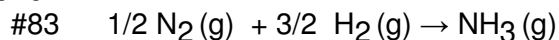
Chapter 4

- #47b 2.91 g of CO (not CO₂) remain.

Chapter 5

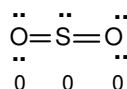
- #79 4.84 g
- #137 No units (Atm should not be in the answer.)

Chapter 6

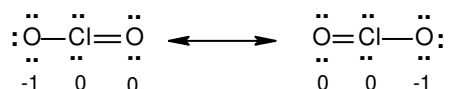


Chapter 9

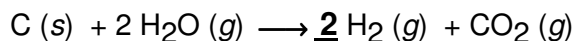
- #47 -717 kJ/mole
- #63a Structure shown below is preferred by the rule of minimizing formal charge.



- #75d Structure shown below is preferred by the rule of minimizing formal charge.



- #83 Answer is OK because there is an error in the equation given in the textbook. The correctly balanced equation has 2 moles of H₂ in the products.



- #107b H₃PO₃ is an exception to the rules of oxoacids where H is usually attached to an oxygen atom and not the central atom. The structure shown is the experimentally verified structure.

Chapter 10

- #51 c BrCl₅ is polar
- #97b Omit this problem. There is not enough information to predict this structure.