

# General Chemistry 10123 Homework -- Spring, 2020

**Textbook** -- *Chemistry: A Molecular Approach*, 4th Ed, by N. J. Tro

## Chapter 13

Problems by Topic: Blue-Numbered Problems: 29-43, 51-71, 77-89  
Cumulative Problems: 99, 105, 109, 115, 121  
Challenge Problem: 127

## Chapter 15

Problems by Topic: Blue-Numbered Problems: 21-71  
Cumulative Problems: 73, 79, 85, 89, 91  
Challenge Problems: 93, 95, 97, 99

## Chapter 16

Problems by Topic: Blue-Numbered Problems: 33-111, 117-125  
Cumulative Problems: 129-145  
Challenge Problems: 147, 151, 153

## Chapter 17

Problems by Topic: Blue-Numbered Problems: 27-35, 41-77, 85-105, 109, 111  
Cumulative Problems: 113-123, 129-135  
Challenge Problems: 139-143, 147  
[More Equilibrium Problems \(Chapters 16-17\) & Solutions](#)

## Chapter 14

Problems by Topic: Blue-Numbered Problems: 25-45, 53-81  
Cumulative Problems: 89, 97, 99, 103, 105, 107  
Challenge Problems: 113, 117

## Chapter 18

Problems by Topic: Blue-Numbered Problems: 35-81  
Cumulative Problems: 83-89  
Challenge Problem: 107  
[In-Class Review Problem-Chapter 18](#)  
Also, do the relevant Blue-Numbered problems in **Chapter 6**: 37-43, 71-91, 109

## Chapter 19

Problems by Topic: Blue-Numbered Problems: 37-53, 65-77, 85, 89-95, 99-101  
Cumulative Problems: 105, 111, 115, 117, 119, 123, 125, 127  
Challenge Problems: 131, 133  
[In-Class Review Problems-Chapter 19](#)

## Chapter 21

Problems by Topic: Blue-Numbered Problems: 35-87  
Also, do the Polymer Questions related to Section 12.9 in **Chapter 12**: 69-75  
Cumulative Problems: 89-103  
Challenge Problems: 105, 107  
[In-Class Review Problems-Chapter 21 & Answers](#)

## Chapter 25

Problems by Topic: Blue-Numbered Problems: 17, 21-29, 33-49  
Cumulative Problems: 57-67  
Challenge Problems: 69, 73, 77  
[In-Class Review Problems-Chapter 25 & Answers](#)