Chem 42

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Homework Assignments from Russo and Silver, 5th Ed.

These problems are found at the end of each chapter. In order to earn credit, you must show your work and/or explain your reasoning.

Due at the beginning of class on the day of each exam.

*Chapter 1(13 problems):* Concept questions 3, 4, 10; Problems 1.29, 1.32, 1.34, 1.39, 1.63, 1.70, 1.75, 1.81, 1.83, 1.97

*Chapter 2(17 problems):* Concept questions 2, 3, 4; Problems 2.56, 2.76, 2.78, 2.86, 2.92, 2.101, 2.107, 2.129, 2.131, 2.140, 2.147, 2.155, 2.161, 2.174

*Chapter 3(16 problems):* Concept questions 3, 4, 5, 9, 10; Problems 3.24, 3.39, 3.41, 3.54, 3.66, 3.77, 3.79, 3.97, 3.99, 3.104, 3.126

*Chapter 4(18 problems):* Concept questions 8,9; Problems 4.37, 4.43, 4.44, 4.58, 4,69, 4.86, 4.93, 4.99, 4.103, 4.107, 4.111, 4.118, 4.130, 4.142, 4.157, 4.168

*Chapter 5(21 problems): 5.42, 5.43, 5.50, 5.61, 5.65, 5.71, 5.75, 5.82, 5.87, 5.104, 5.109, 5.110, 5.119, 5.121, 5.126, 5.128, 5.131, 5.132, 5.155, 5.167, 5.171*

*Chapter 6(15 problems):* Concept questions 1, 3, 5, 8, 9; Problems 6.19, 6.27. 6.36, 6.39, 6.40, 6.64, 6.65, 6.70, 6.71, 6.93

*Chapter 8(15 problems*): Concept questions 2, 8; Problems 8.30, 8.32, 8.37, 8.41, 8.43, 8.53, 8.69, 8.78, 8.79, 8.98, 8.106, 8.128, 8.131

*Chapter 10(10 problems):* 10.43, 10.45, 10.56, 10.57, 10.60, 10.64, 10.76, 10.92, 10.106, 10.114

*Chapter 9(11 problems):* 9.38, 9.49, 9.53, 9.59, 9.60, 9,62, 9.69, 9.70, 9.72, 9.74, 9.81

*Chapter 7(12 problems):* Concept questions: 3, 8; Problems 7.29, 7.33, 7.35, 7.37, 7.50, 7.59, 7.61, 7.63, 7.69, 7.78

*Chapter 11(12 problems):*Concept questions: 2, 4; Problems 11.26, 11.27, 11.29, 11.31, 11.46, 11.49, 11.51, 11.62, 11.68, 11.84

*Chapter 12 (11 problems):*12.49, 12.51, 12.54, 12.58, 12.66, 12.87, 12.101, 12.105, 12.107, 12.115, 12.125

*Chapter 15 (7 problems):*15.52, 15.58, 15.90, 15.147, 15.153, 15.155, 15.184