

Homework #7 BCHS 3304

Metabolism & Sugars

Reading Assignment: Chapter 14 of *Biochemistry*
Chapter 8 of *Biochemistry*

Note: Show all work and remember to incorporate your units in your calculations.

1. Complete Problems # 2, 3, 5, 7, 8, 9, 10, 11, and 13 of Chapter 14 (p. 165-168) in the *Student Companion to Biochemistry*.
2. Complete Problems # 1, 2, 3, 4, 6-8, 9, 11, and 13 of Chapter 14 (p. 483-484) in your *Biochemistry* textbook.
3. Complete Problems # 1, 2, 4, 5, 6, 8, and 9 of Chapter 8 (p. 97-100) in the *Student Companion to Biochemistry*.
4. Complete Problems # 1, 2, 3, 6, 8 and 10 of Chapter 8 (p. 243) in your *Biochemistry* textbook.

Homework #8 BCHS 3304

Glycolysis, Gluconeogenesis Citric Acid Cycle

Reading Assignment: Chapter 15 of *Biochemistry*
Chapter 16 of *Biochemistry*
Chapter 17 of *Biochemistry*

Note: Show all work and remember to incorporate your units in your calculations.

1. Complete Problems # 1-5, 7, 9, 11, 12, 13, 14, 16 and 21 of Chapter 15 (p. 179-183) in the *Student Companion to Biochemistry*.
2. Complete Problems # 1, 4, 5, 6, 9, and 14 of Chapter 15 (p. 528-529) in your *Biochemistry* textbook.
3. Complete Problems 1, 3, 4, 6 and 7 of Chapter 16 (p. 564) in your *Biochemistry* textbook.
4. Complete Questions # 1, 2, 5, 7, 8, 10, 11, 16 and 17 Chapter 16 (p. 193-196) in the *Student Companion to Biochemistry*.
5. Complete Problems # 1, 3-5, 7-11 and 13 of Chapter 17 (p. 204-206) in the *Student Companion to Biochemistry*.
6. Complete Problems # 1, 3-5, 8, 10 and 12 of Chapter 17 (p. 594-595) in your *Biochemistry* textbook.