
The list of suggested problem is the absolute minimum required (but not necessarily guaranteeing success) to master the material. Working out problems is the most important part of the course. You cannot understand physics without doing problems. The problem assignments are designed to prepare you for the examinations. Keep up to date with reading the textbook and doing the problems. If you fall behind, it will be extremely difficult to catch up! Cramming for exams and memorization is not very effective in physics. Should you have troubles in solving any of the problems, you should not hesitate to seek help from your friend, TA, lecturer. Solutions to the problems can either be found in the textbook or here.

Suggested Textbook Problem (the numbers refer to the 8th edition)

Chapter 15:

9, 13, 14, 15, 22, 23, 28, 35, 36, 43, 46, 52, 57, 61.

Chapter 16:

4, 6, 9, 10, 12, 14, 18, 28, 31, 32, 35, 38, 46, 50, 60, 65, 68.

Chapter 17:

3, 6, 10, 12, 16, 18, 34, 36, 37, 38, 44, 46, 54, 57, 62, 63.

Chapter 18:

2, 3, 8, 14, 15, 20, 22, 27, 38, 39, 47, 48, 50, 56.

Chapter 19:

2, 9, 19, 20, 21, 35, 36, 44, 48, 51, 58, 69, 72.

Chapter 20:

2, 7, 10, 14, 23, 24, 25, 28, 30, 34, 36, 59, 62, 63.

Chapter 21:

49, 58, 60, 63, 64, 68.

Chapter 22:

9, 11, 15, 17, 18, 21, 28, 40, 43, 44, 49, 51, 56, 59.

Chapter 23:

3, 6, 13, 18, 24, 28, 30, 35, 42, 44, 45, 51, 52, 54, 56, 57.

Chapter 24:

3, 5, 9, 11, 13, 18, 21, 23, 33, 37, 52, 59, 60, 65, 66.

Chapter 25:

9, 11, 12, 14, 16, 19, 21, 23, 24.