

"You can't ever solve too many homework problems"

**Please refer to the Homework Format Instructions on pages 6, 11-14
of the course syllabus.**

Chapter	Problems in Tipler, 6 th Edition
1	19,23,32,34,35,37,38,43,49,61,62,73
2	14,15,16b,24,42,49,55,63,65,66,71,72,73,74,75,79,80(the window is 4m in length), 85,89,90,94,110
3	24,43,50,55,56,72,74,75,76,77,80,82,83,84,85,86,87,103,104,105
4	36,47,49,50,52,57,59,61,64,67,74,75,76,77,82,83,86,89(use $v = 3.5$ m/s instead),92,93
5	36,39,40,41,42,43(answer is: 0.84m/s), 45,50,51,56,59,77,79,84,85,86,94, 97, 122,131
6	4,24,25,27,29,30,32,34,56,58,66(part <i>a</i> should read " $x = 0.05$ m to $x = 3.0$ m.)
7	17,20,28,37,38,39,40,41,42,45,47,49,51,54,62,63,65,68,71,103(answer has a 'g' in the $\sqrt{\quad}$)
8	*Do these from chapter 5 , starting on page 168 :5-102, 5-103, 5-105(instead of using the suggested method of negative mass, use symmetry to your advantage), 5-114, 5- 116 and *chapter 8: 20, 33,39,43,44,46,53,54,55,60,63,70,87,101,108
9	29,30,32,34,44,45,46,48,58,61,64,71,72,77,78,80,84,86,112,117
10	6,22,24,38,45,49,52,64,66,76
14	29,30,31,32,36,37,40,43,47,49,53,61,67,68,71(answer is 0.289m from the center), 72

Answers to odd-# problems are in the back of your book.

Answers to even-# problems are posted on our class web site.