

Phy 4A Study Problems
Serway, 9th Edition

Lesson	Chapter	Objective Questions	Conceptual Questions	Problems
1 Math Review	1	2, 3, 8, 9	4	3, 11, 14, 16, 22, 39, 41, 46, 49, 59, 63
	3	1-13	1, 2, 3, 4	3, 11, 12, 23, 29, 35, 38, 51, 53, 55
2 Motion & Kinematics	2	1-10, 12-18	1, 3, 4, 5, 6, 7, 9	1, 3, 7, 12, 15, 19, 21, 28, 29, 32, 35, 38, 53, 58, 62, 72, 73
	4	2, 3, 5, 6, 8, 9, 10	4, 5, 7	13, 20, 22, 23, 25, 27, 28, 37, 40, 53, 54, 60
3 Newton's Laws	5	6, 10, 11, 12, 13	2, 3, 4, 5, 7, 14, 16, 17, 19, 23	17, 21, 28, 33, 38, 40, 42, 43, 45, 51, 55, 64, 65, 66, 83, 85, 92, 93, 101
	6	1, 2, 3, 4, 5, 6, 7	2, 3, 4, 6, 7, 10	1, 7, 8, 9, 10, 13, 14, 16, 17, 18, 20, 21, 23, 24, 39, 40, 45, 52, 54, 55, 57
4 Work & Energy	7	1, 2, 3, 4, 6, 7, 8, 9, 11, 12, 14, 15	1, 2, 3, 5, 8, 12, 14	1, 5, 10, 11, 14, 15, 26, 28, 32, 42, 43, 51, 59, 63
	8	1, 2, 4, 6, 7	5, 6	5, 7, 15, 16, 22, 23, 25, 33, 39, 59, 62, 63, 64, 65, 66, 68
5 Momentum	9	4, 5, 6, 7, 8, 12, 13, 15, 16, 17	1, 2, 3, 5, 7, 13	8, 11, 13, 19, 23, 30, 31, 33, 37, 41, 45, 47, 48, 49, 53, 67, 68, 71, 75, 81, 86, 89
6 Rotational Motion	10	2, 3, 4, 6, 7, 8, 9	1, 2, 6, 7, 9, 11, 13	7, 11, 12, 23, 27, 32, 43, 44, 45, 46, 53, 54, 55, 57, 60, 62, 63, 64, 78, 79
	11	1, 3, 6	3, 5, 6, 8	21, 23, 30, 31, 35, 37, 39, 41, 49, 51, 52, 55, 64
7 Gravity	13	3, 4, 7, 8, 9, 10	3, 5, 6, 7	3, 9, 13, 15, 17, 27, 39, 51, 61, 65
8 Oscillations	15	2, 6, 7, 14, 16	10	4, 5, 19, 27, 64, 65, 71, 85

I do not collect textbook homework. Instead, I look at the assigned questions and problems and write a quiz based on those questions and problems.