

**Phy 2A Study Problems**  
**OpenStax**

Lesson	Chapter	Conceptual Questions	Problems and Exercises (this is the minimum you should do)	More Problems and Exercises
1 Math & Units	1	10, 11	1, 6, 11, 19, 24, 27	2, 12, 28
2 Motion & Kinematics	2	2, 6, 11, 14, 18, 20, 21, 27, 29, 30	11, 14, 18, 20, 24, 35, 43, 45, 54, 59, 64	12, 19, 29, 36, 48, 63
	3	1, 2, 4, 6, 9, 12, 13, 14, 19	13, 16, 19, 21, 24, 25, 27, 29, 34, 40, 42, 45, 53, 57, 59, 65	14, 20, 22, 26, 31, 32, 43, 58
3 Newton's Laws and 7 Gravity	4	4, 5, 8, 13, 15, 19, 20	3, 5, 7, 9, 16, 19, 21, 35, 38, 41, 42, 44, 51	1, 6, 14, 15, 39, 43, 50
	5	None	1, 4, 7, 8, 9, 11, 13, 17, 18	3, 10, 12, 19
	6	2, 4, 5, 10, 14, 17,	2, 6, 8, 11, 16, 21, 22, 25, 28, 30, 36, 37, 40	7, 10, 15, 20, 27, 32, 42
4 Work & Energy	7	2, 3, 5, 7, 8, 9, 12, 18, 20, 21	2, 3, 5, 11, 13, 18, 22, 23, 27, 35, 37, 56, 61, 63	6, 8, 14, 24, 34, 64, 69
5 Momentum	8	3, 5, 8, 19	2, 4, 6, 8, 13, 16, 25, 33, 41, 45, 50, 52	5, 9, 21, 35, 42, 48
6 Rotational Motion	9	5, 13, 14	1, 3, 5, 9, 24, 26, 29, 33	2, 7, 20, 25, 27
	10	1, 3, 6, 10, 14, 15, 23, 27	2, 4, 6, 8, 11, 13, 19, 21, 26, 32, 34, 39, 40, 46	3, 9, 12, 15, 20, 27, 33, 41
8 Oscillations	16	2, 3	1, 2, 5, 8, 12, 14, 18, 21, 24, 35, 37, 39	3, 6, 10, 16, 20, 28, 36