

Chapter 8 to 10 Physics Homework Solutions

Chapter 8 Homework				
Problem	Answer		Problem	Answer
#1	1.9 m/s		#10	3.1×10^7 m/s
#2	1.5 m/s			9.9×10^{11} m/s ²
	1.2 m/s			1.6×10^{-15} N
#3	.52 m/s		#11	464 m/s
#4	11 m/s			2.4 N
#5	464 m/s			686 N
#6	.29 m		#12	91 m/s
#7	180 m/s^2		#13	4 g
	1260 N		#14	153 m/s
#8	5.0 m/s			99 sec
	6.3 N		#15	12,936 N
#9	6.9 m/s			55 m/s
			#16	23 m/s
				23 m/s

Chapter 10 Homework				
Problem	Answer		Problem	Answer
#1	2.0 N		#7	.032 kg m ²
#2	4.8 N m			.016 kg m ²
#3	.75 N m		#8	.012 kg m ²
	5 N			.048 kg m ²
#5	3.1 N m		#9	43 kg m ²
	4.1 N m			11 kg m ²
	2.0 N m		#10	3.5×10^{39} kg m ² /s
	3.2 cm			45,800 m/s
	14 cm		#11	1.6 kg m ² /s
	6.7 cm			5.2 m/s