

Chapter 11 to 13 Physics Homework Solutions

Chapter 11 Homework				
<u>Problem</u>	<u>Answer</u>		<u>Problem</u>	<u>Answer</u>
#1	$5.6 \times 10^{-8} \text{ N}$		#4	$2.4 \times 10^{30} \text{ N}$
#2	588 N		#5	360 kg
	587 N		#6	$3.2 \times 10^{23} \text{ N}$
#3	3.0 m			$4.0 \times 10^{22} \text{ N}$

Chapter 12 Homework				
<u>Problem</u>	<u>Answer</u>		<u>Problem</u>	<u>Answer</u>
#1	$1.7 \times 10^{-9} \text{ m/s}^2$		#5	4 N
	$9.2 \times 10^{-8} \text{ N}$			100 N
#2	.0053 m/s^2			
	87 sec			

Chapter 13 Homework				
<u>Problem</u>	<u>Answer</u>		<u>Problem</u>	<u>Answer</u>
#1	a) 48,000 m/s		#4	3071 m/s
#3	1020 m/s			