Chapter 20 to 23 Physics Homework Solutions

Chapter 20 Homework					
<u>Problem</u>	<u>Answer</u>		<u>Problem</u>	<u>Answer</u>	
#6a	517 m		#8	1,240 kHz	
#7a	$4.8 \times 10^{14} \text{ Hz}$			97.3 x MHz	

Chapter 21 Homework					
<u>Problem</u>	<u>Answer</u>		<u>Problem</u>	<u>Answer</u>	
#7	$3.45 \times 10^{-19} \text{ J}$		#9	$6.4 \times 10^{-19} \text{ J}$	
#8	96.3 MHz			$7.1 \times 10^{-19} \text{ J}$	
			#10	$1.55 \times 10^{-19} \text{ J}$	

Chapter 22 Homework					
<u>Problem</u>	<u>Answer</u>	<u>Problem</u>	<u>Answer</u>		
#4	32 °	#6	35.0 °		
#5	55.9 °		34.5 °		

Chapter 23 Homework					
<u>Problem</u>	<u>Answer</u>	<u>Problem</u>	<u>Answer</u>		
#1	.83 m	#6	-24 mm		
#2	80 mm		3		
	-1	#7	15.0 cm		
#3	12 cm	#8	-2.0 cm		
#4	465 cm	#9	-6.4 cm		
	-30	#10	11 cm		
#5	.049 m				