

Chapter 14 Physics Homework Solutions

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<u>Problem</u>	<u>Answer</u>		<u>Problem</u>	<u>Answer</u>
#1	.073 N		#6	$1.18 \times 10^{-4} \text{ N}$
#2	$3.6 \times 10^{-19} \text{ N}$			$-5.3 \times 10^{-13} \text{ C}$
	Repel		#7	336,000 J
#3	$-4.0 \times 10^{-18} \text{ C}$		#8	1.5 V
	$1.1 \times 10^{-11} \text{ N}$		#9	$1.4 \times 10^{-17} \text{ J}$
	Attract			86 V
#4	$7.0 \times 10^{-13} \text{ C}$		#10	$7.1 \times 10^{-17} \text{ C}$
#5	$8.52 \times 10^{-8} \text{ N}$			
	Attract			