Name	Date	Period
Using Concepts		
1. A positive charge of $2.4 \times 10^{-6}$ the electric field intensity at the state of the state	<sup>-6</sup> C is acted on by a force of 0 hat distance?	0.43 N at a certain distance. What is
What charge exists on a test of the electric field intensity is 1		e of 3.60 x $10^{-6}$ N at a point where
		x 10 <sup>4</sup> N/C. The plates are 0.0640 m
apart. What is the potential d	lifference between the plates in	volts?
	en two plates registers 38.2 V. The intensity between the plates?	he plates are separated by a distance
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5. How much work is done to	transfer 0.47 C of charge throug	gh a potential difference of 12 V?
6. A 9.0-V battery does 1.0 x 10	) <sup>3</sup> J of work transferring charge.	. How much charge is transferred?