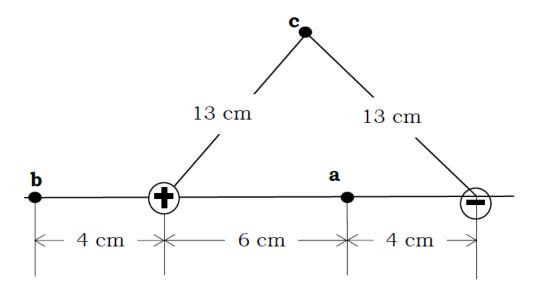
Name:	
Grade and Section:	Date:
EXERCISES ON ELECTRIC POTENTIAL	
1. A point charge has a charge of 8.00 x 10 <sup>-11</sup>	·
is the electrical potential (a) 12.0 V? (b) 24.0	V?
GIVEN:	
REQUIRED:	
SOLUTION:	

2. An electric dipole consists of point charges, q1 = +12 nC and q2 = -12 nC placed 10.0 cm apart. Compute the electric potentials at points a, b and c.

Hint: use the electric potentials for several point charges



**GIVEN:** 

**REQUIRED:** 

**SOLUTION:** 

3. How much work is needed to decreases the distance between a +15 a -20 $\mu$ C charge from 1 m to 0.25 m? <b>GIVEN:</b>	μC charge and
REQUIRED:	
SOLUTION:	