

# Ag Power and Equipment Technician

Electrical/Electronic Class  
Units of Measurement

Name \_\_\_\_\_  
Date \_\_\_\_\_

**Competency:** Understanding electrical units of measurement.

**Directions:** Change the following readings to their simplest form. If the number is in a decimal form (example: .0063A) move the decimal point to change this to a whole number. After you move the decimal point you will need to use a prefix to show the quantity of the number (example: milli, deca, etc). If the number has a whole number (value) to the left of the decimal point then is already in its simplest electrical form example: 12.5 mA).

.001 A	
1.2 A	
1.38 V	
1986 V	
38000 ohms	
.0000397 A	
1736000 ohms	
42. K ohms	
.08394 A	
.444 V	
.811 ohms	
5.85 mA	
.22K ohms	
38.49 mA	
984k ohms	
3 mA	
22000000 ohms	
12 ohms	

Instructors Initials: \_\_\_\_\_