

Name:

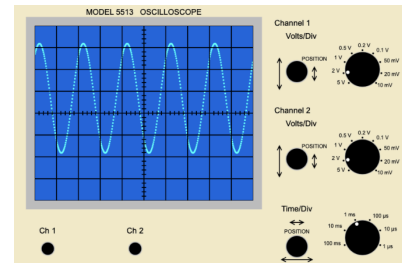
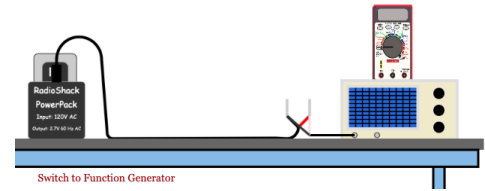
Date:

Measuring Voltage and Frequency in AC Lab

Purpose

Part 1: RadioShack PowerPack

Quantity	Value
Output Voltage on Pack	
Output Frequency on Pack	
Multimeter Voltage Reading	
Multimeter Frequency Reading	
Peak to Peak Voltage on Oscilloscope	
Amplitude on Oscilloscope	
rms Voltage Calculated from Oscilloscope	
Period on Oscilloscope	
Frequency on Oscilloscope	



Part 2: Amplitude of Function Generator (fixed frequency)

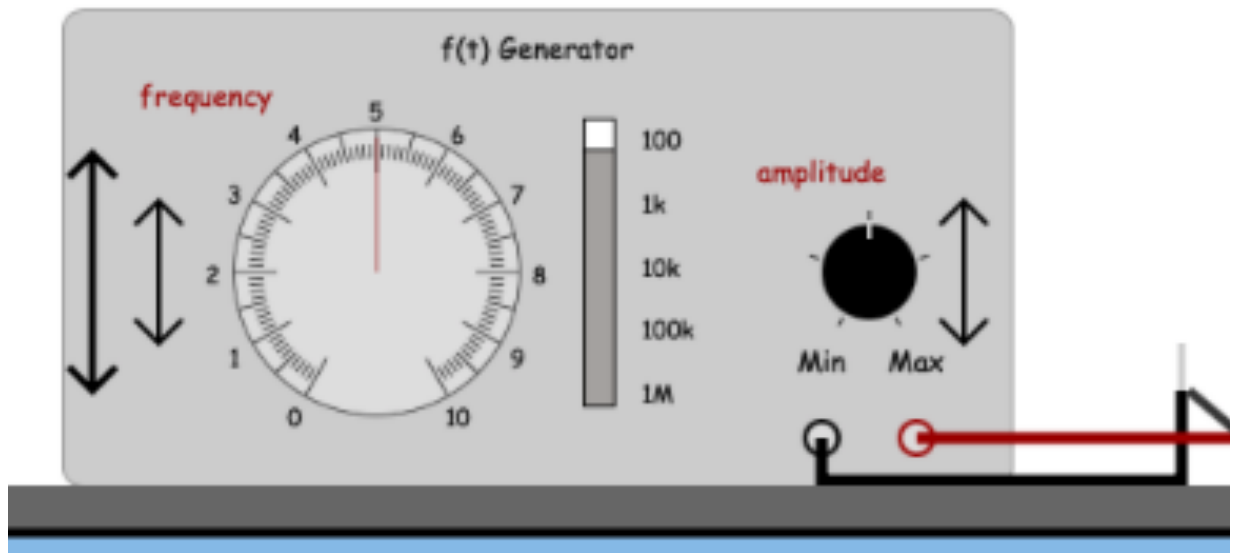
Amplitude Setting	Multimeter Voltage	Oscilloscope (Peak to Peak)	Oscilloscope (Amplitude)
Min			
1/4 turn			
1/2 turn			
3/4 turn			
Max			

Name:

Date:

Part 3: Frequency of Function Generator (Max Amplitude)

Frequency on Generator	Time/div Setting	# divisions	Period (s)	Frequency (Hz)
250				
5000				
13,000				
630,000				



Conclusions: