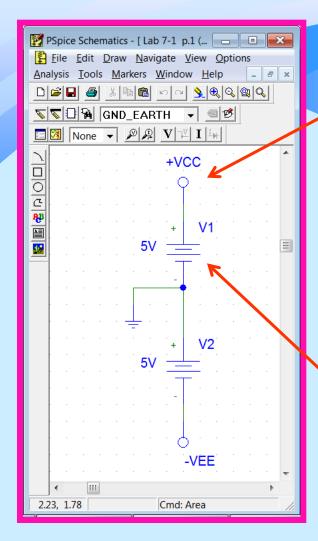
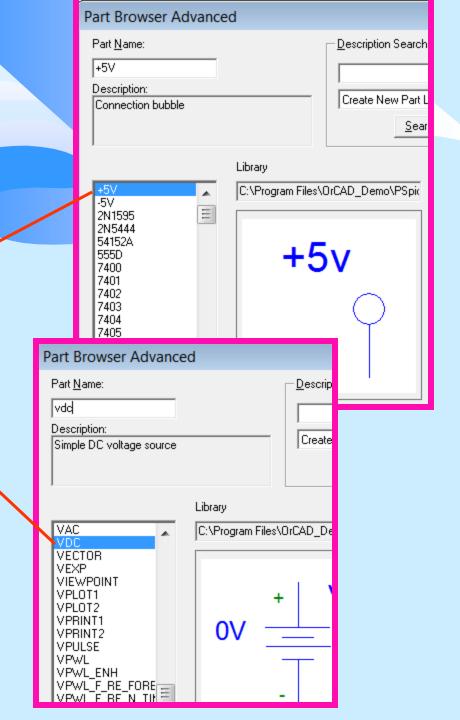
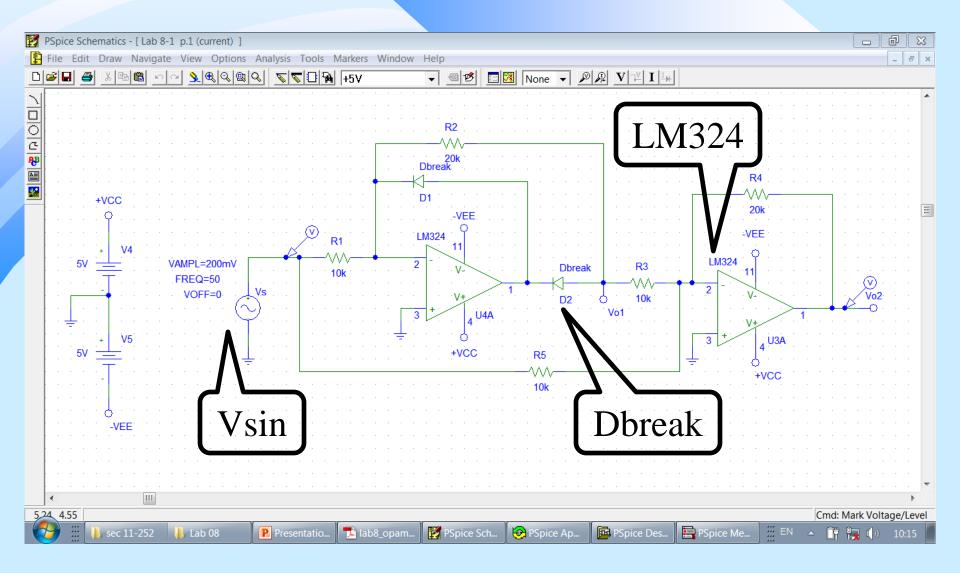
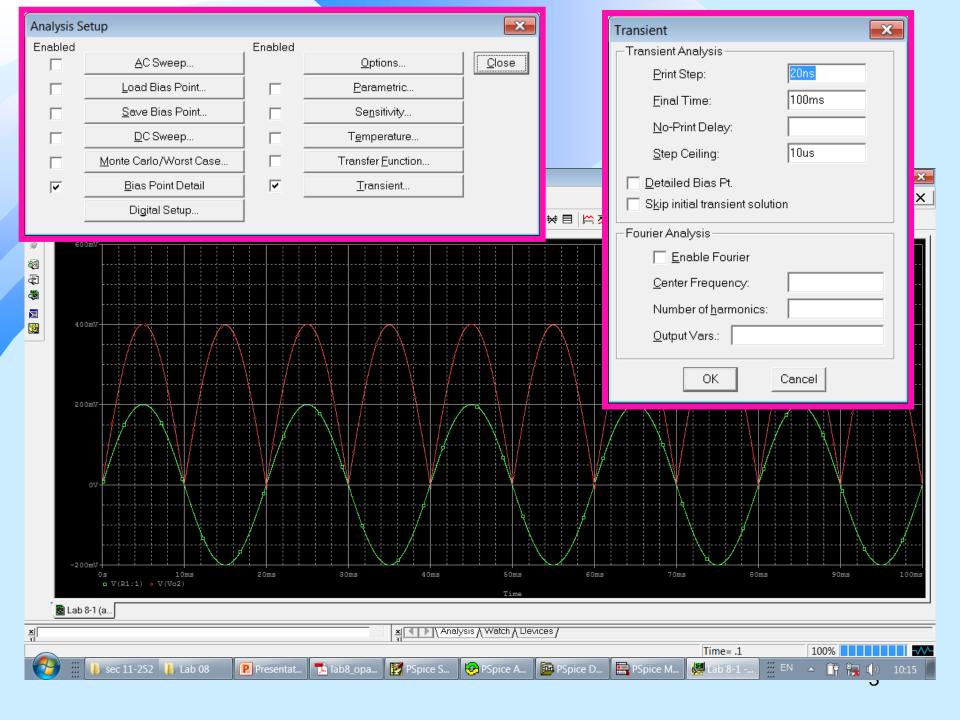
Positive / Negative Supply

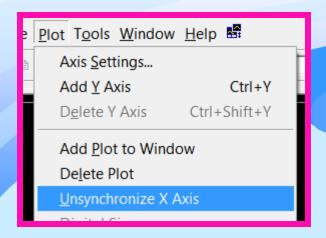








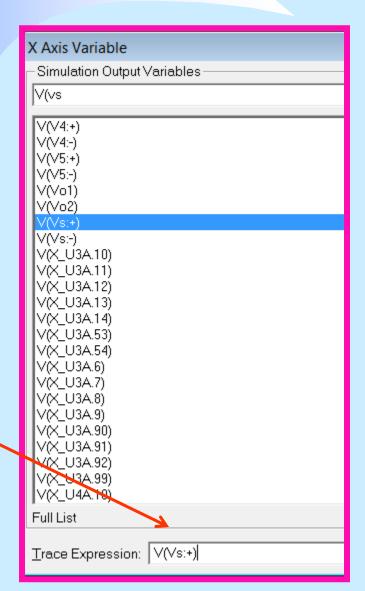
Plot → Add plot

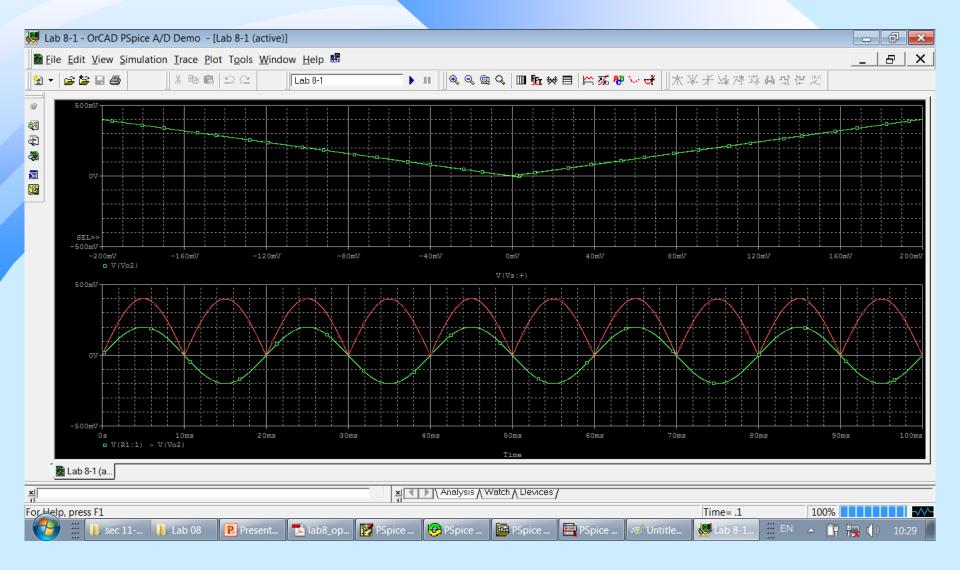


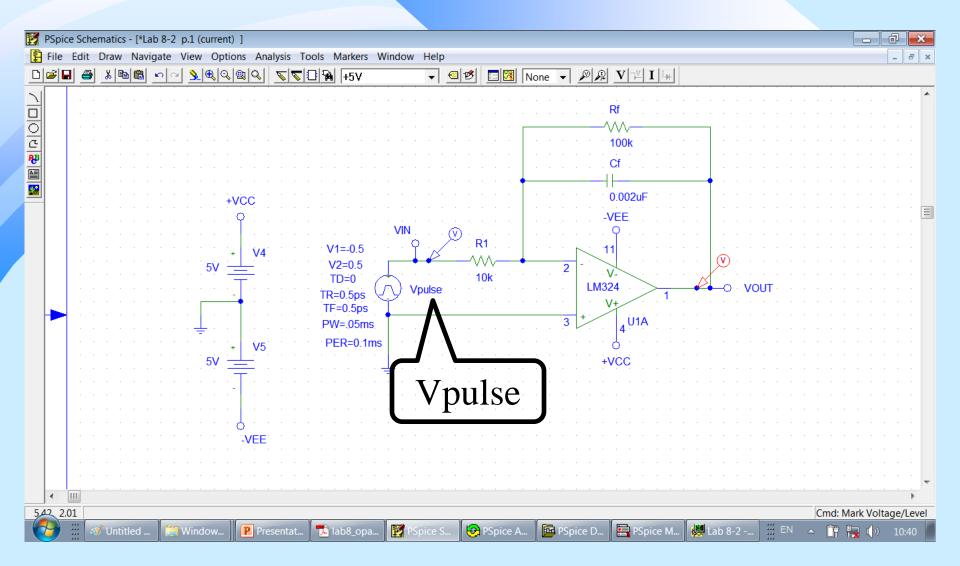
Trace → Add trace

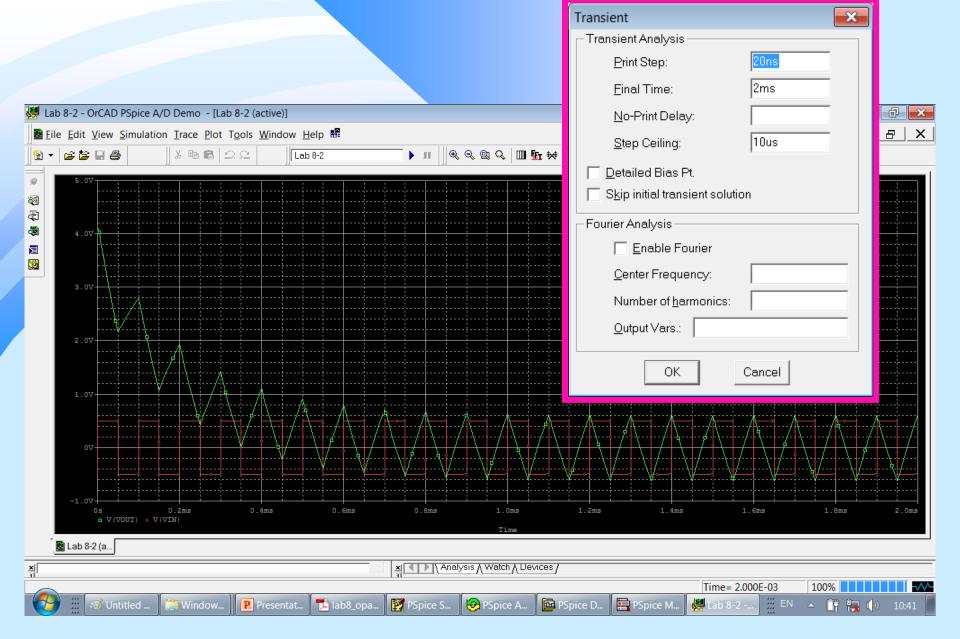
Trace Expression: V(Vo2)

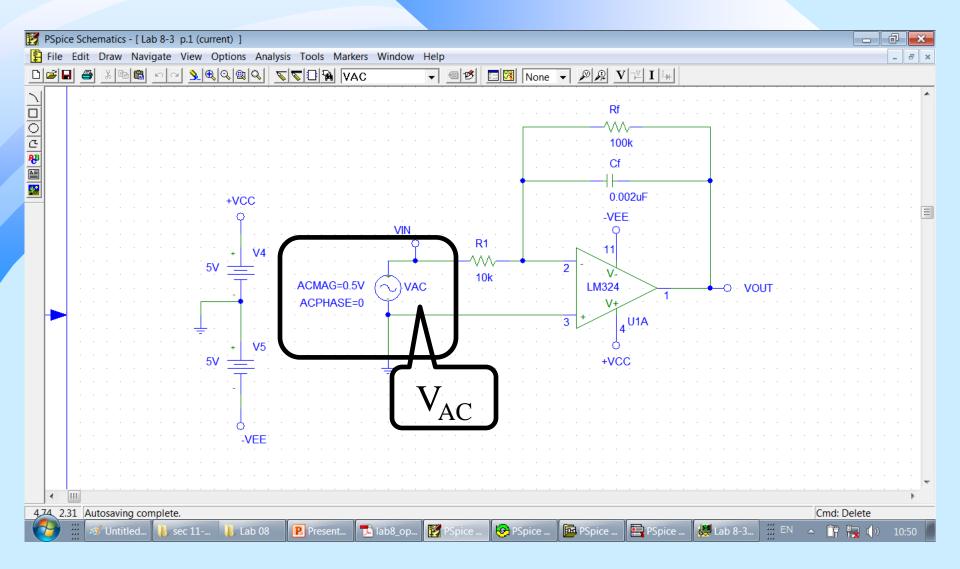
Axis setting

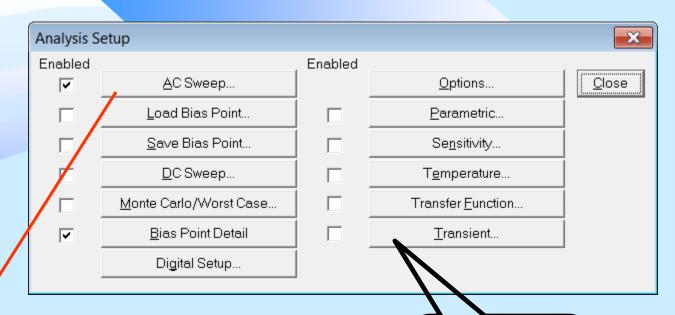


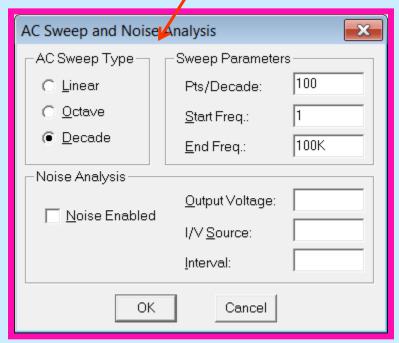




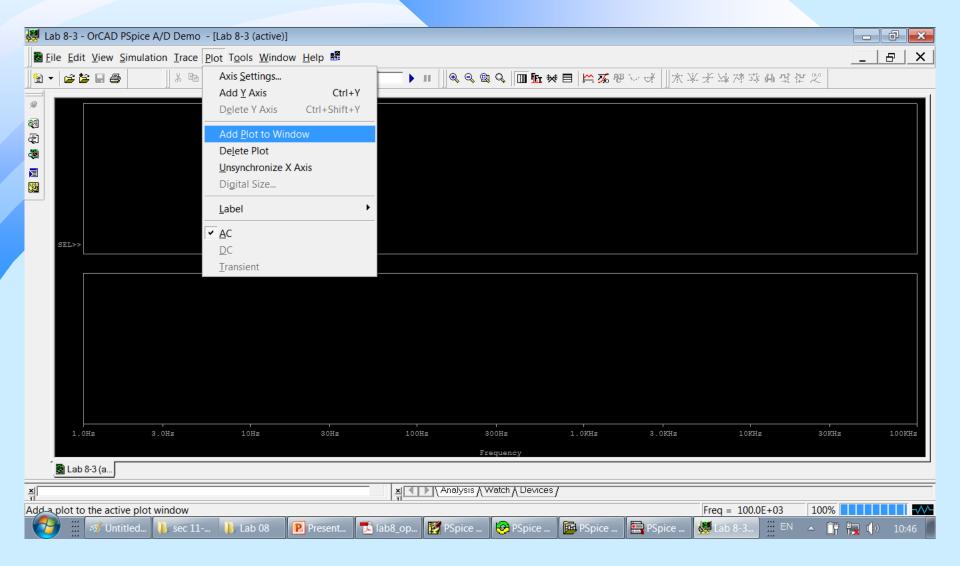


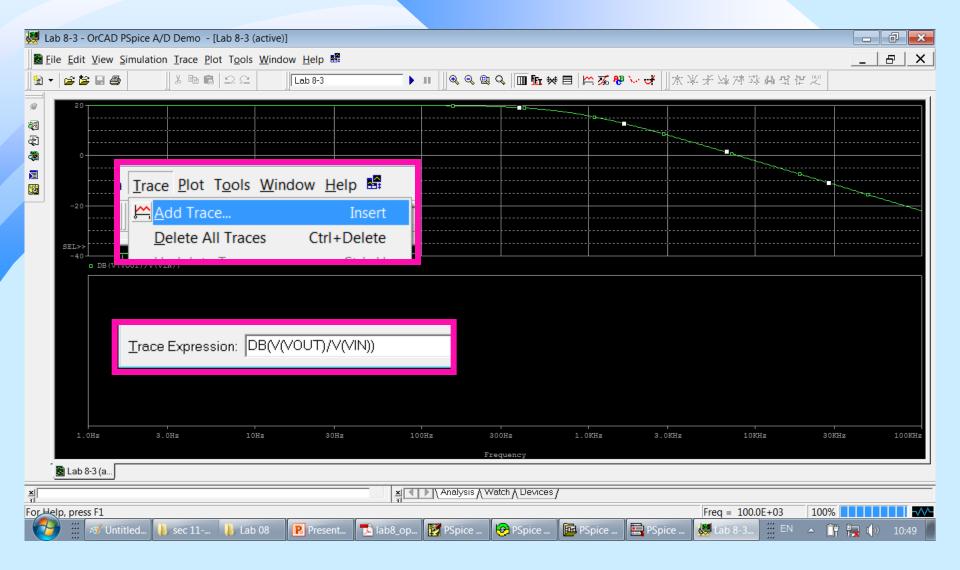


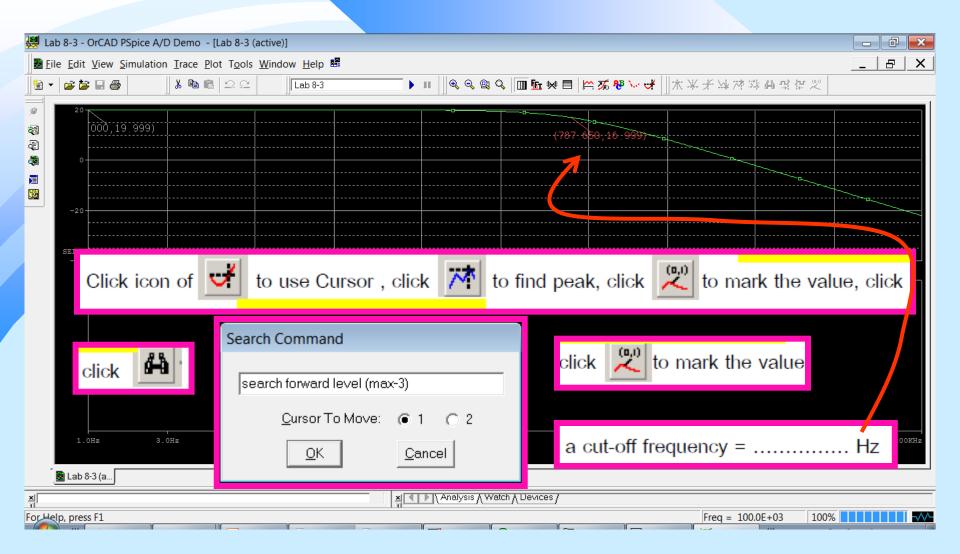


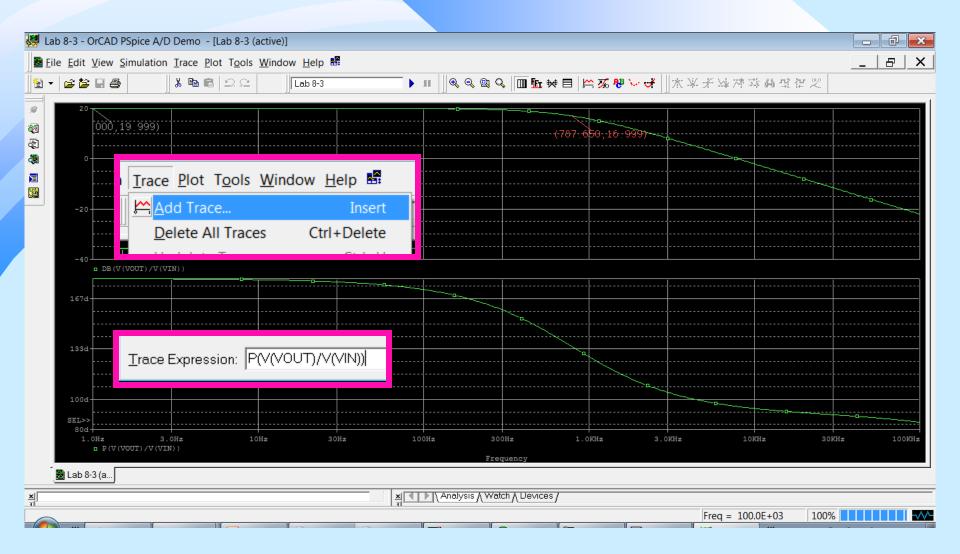


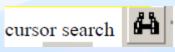
Un-tick transient





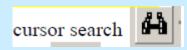




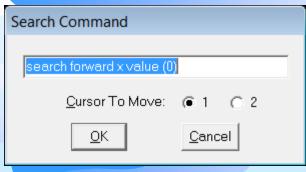


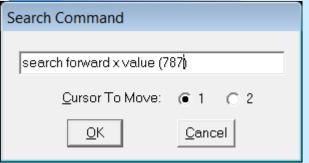


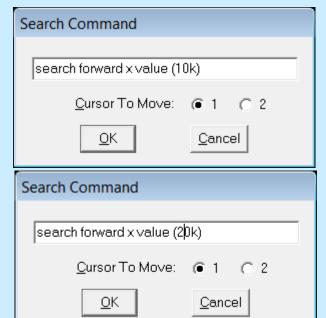


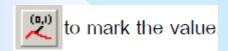


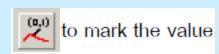


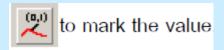


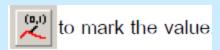


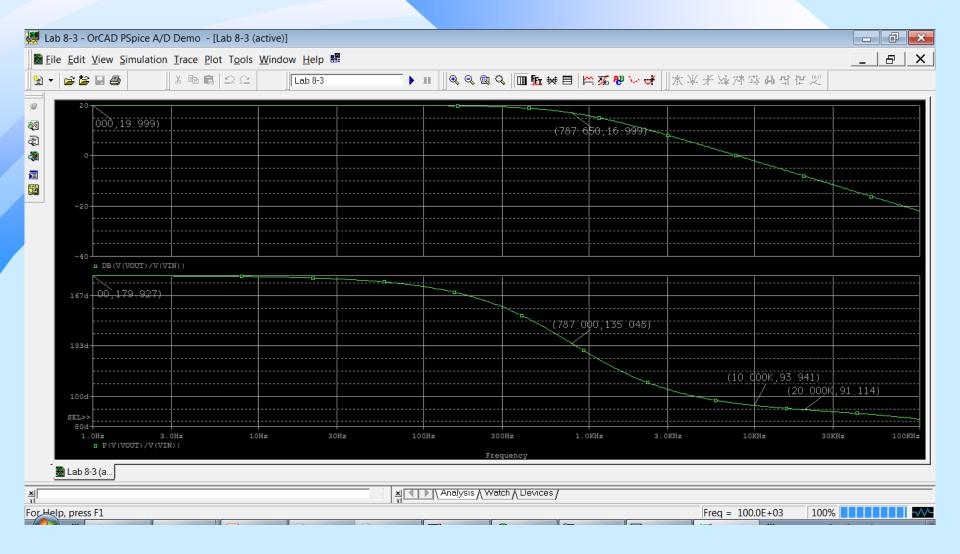


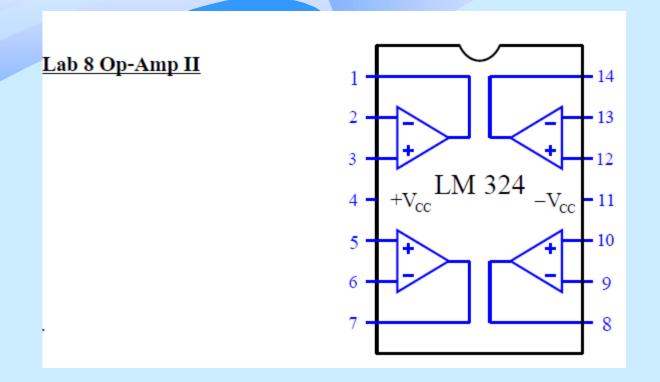


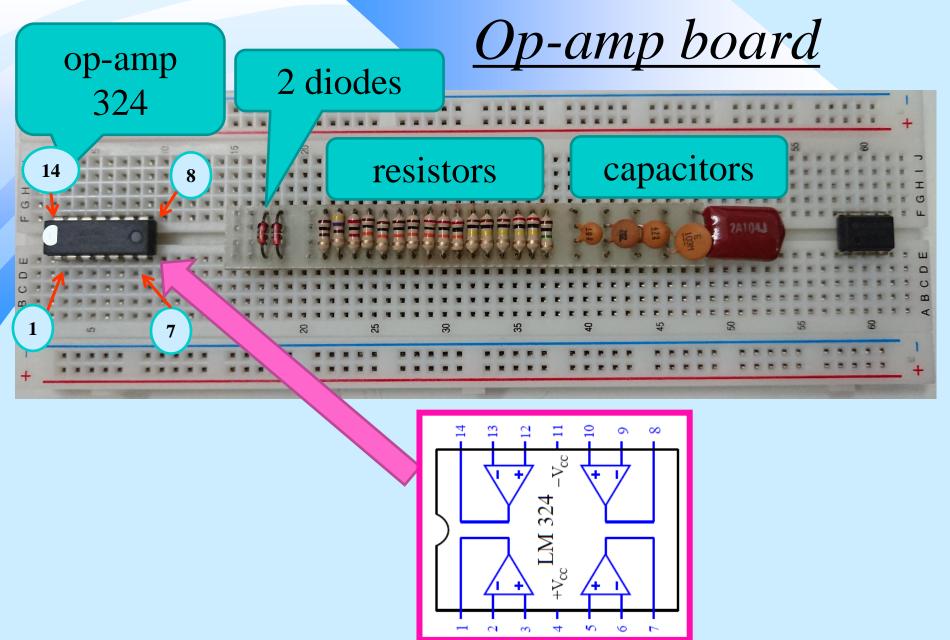




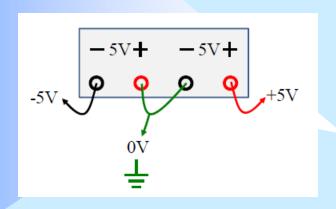


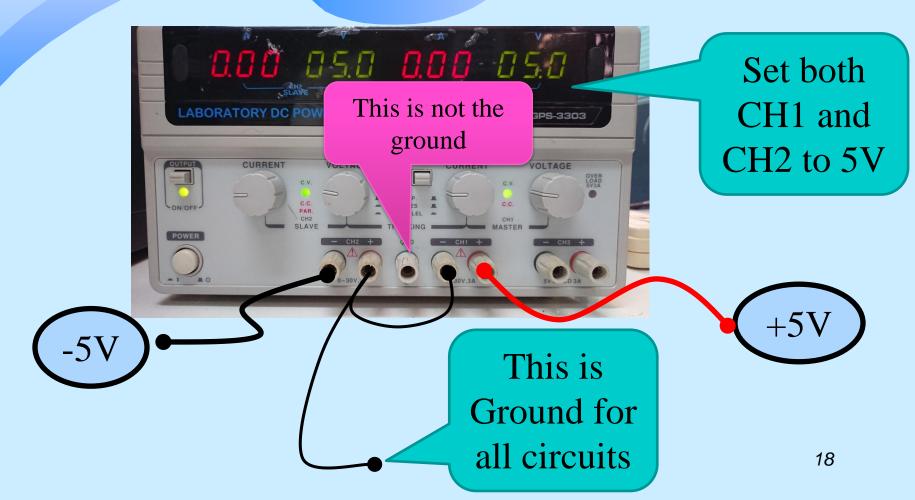






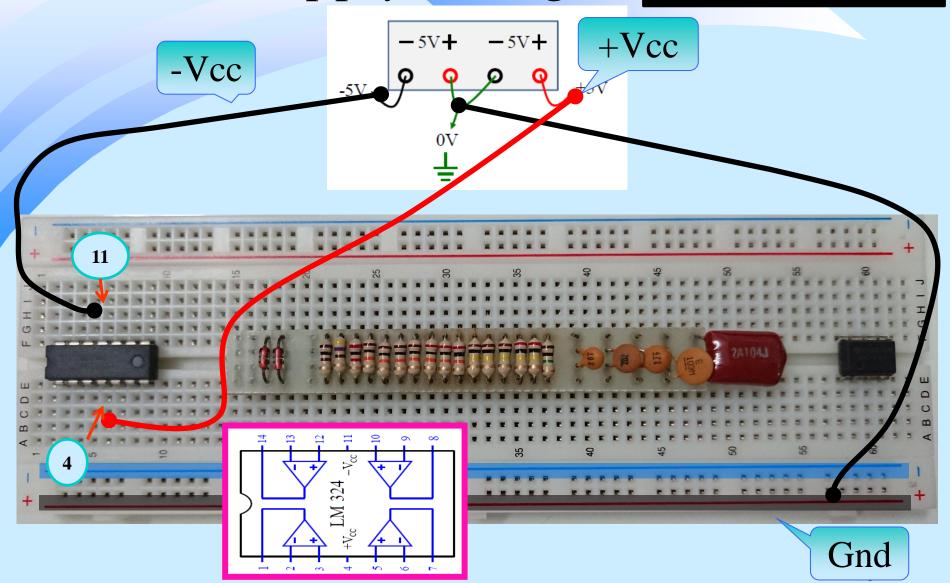
How to build +5V/- 5V supply

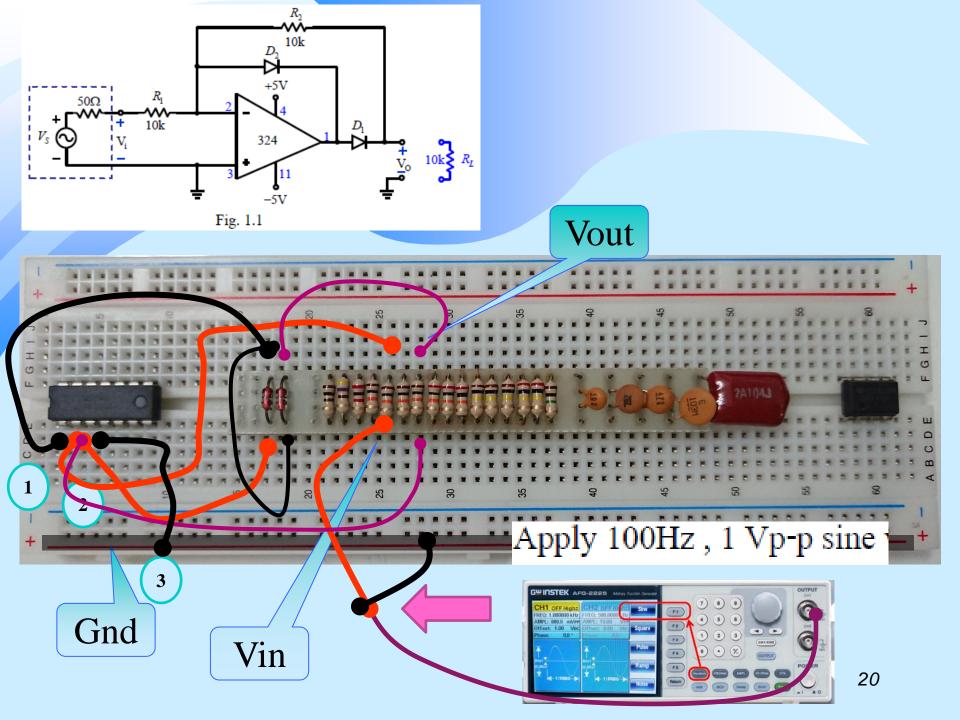




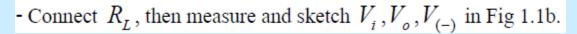
Connect supply voltages

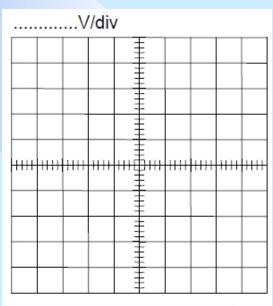
ไฟ บวก ลบ และ ground ให้ต่อค้างไว้แบบนี้ทุกวงจร



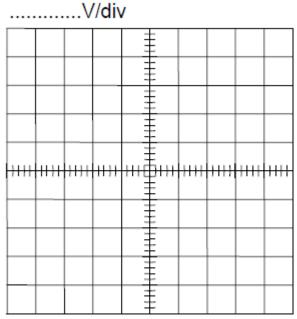


- Apply 100Hz, 1 Vp-p sine wave as input signal
- Measure and sketch V_{i} , V_{o} , $V_{(-)}$ in Fig 1.2a.

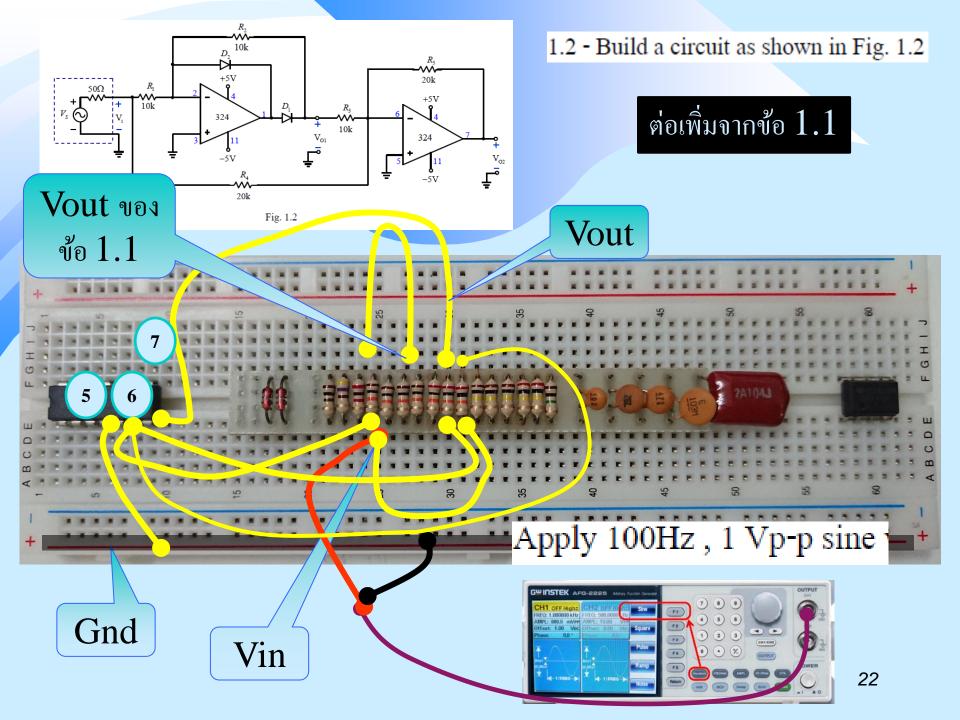




<u>Fig. 1.2a</u>s/div



<u>Fig. 1.2b</u>s/div



applying 100Hz 1 Vp-p sine-wave as input

measure V_{01} and V_{02} with CH2. Sketch all waveforms in Fig 1.2a.

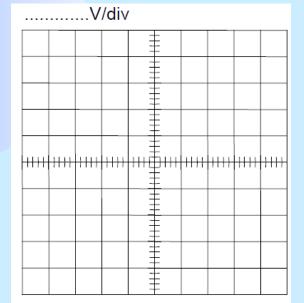


Fig. 1.2 as/div

Reverse direction of diode D1, D2,

measure and sketch V_i , V_{01} , V_{02} in Fig. 1.2b.

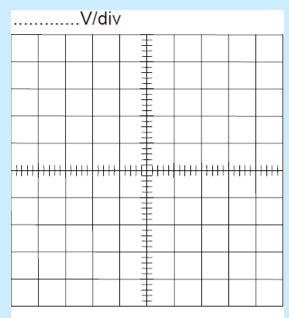
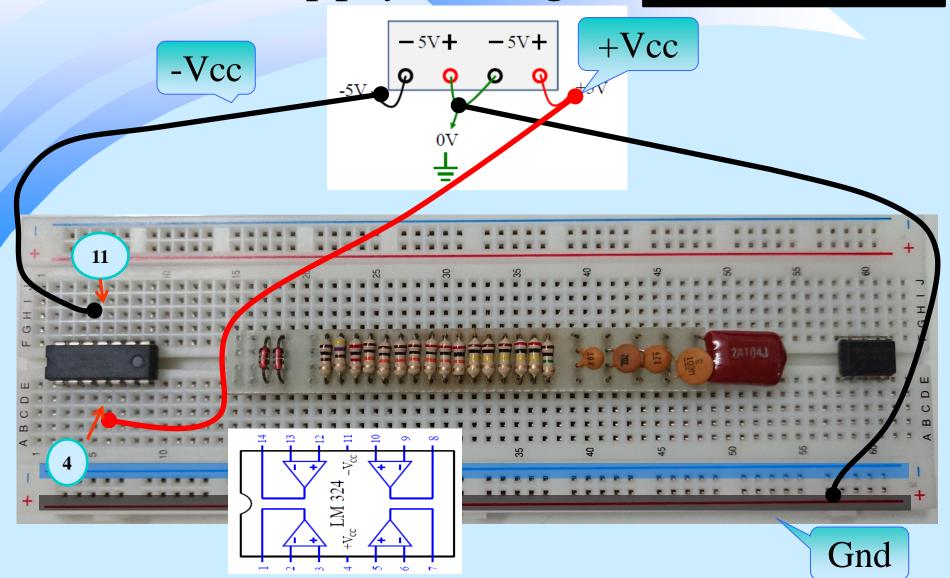
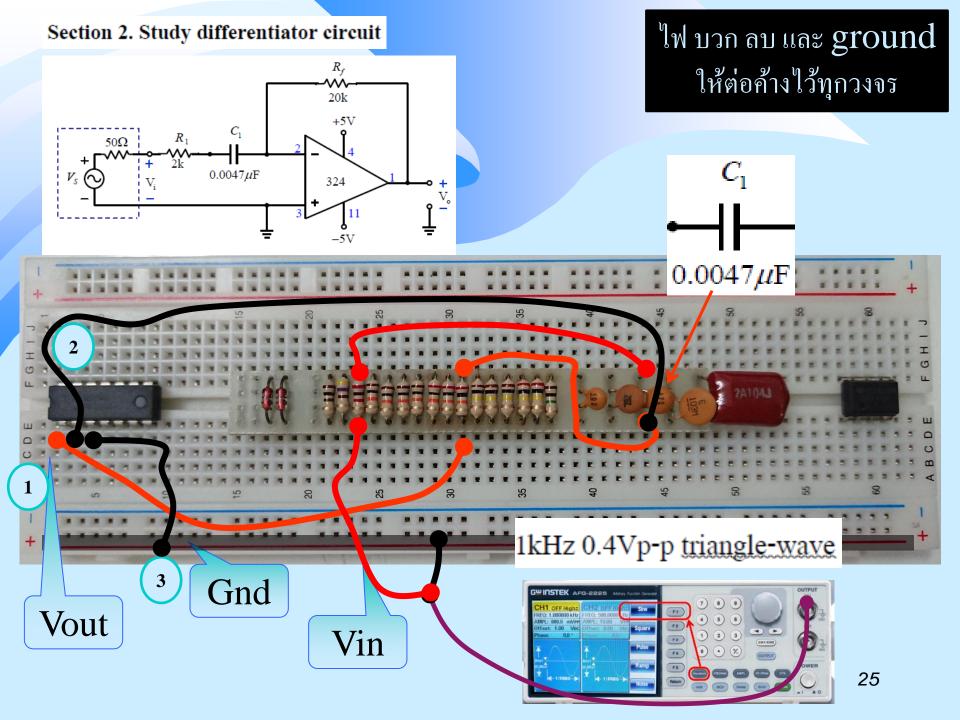


Fig. 1.2 bs/div

Connect supply voltages

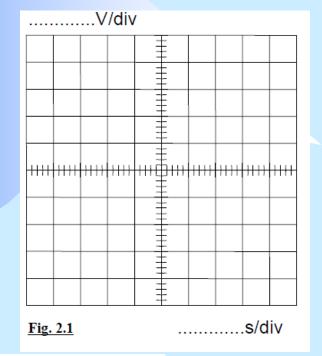
ไฟ บวก ลบ และ ground ให้ต่อค้างไว้แบบนี้ทุกวงจร



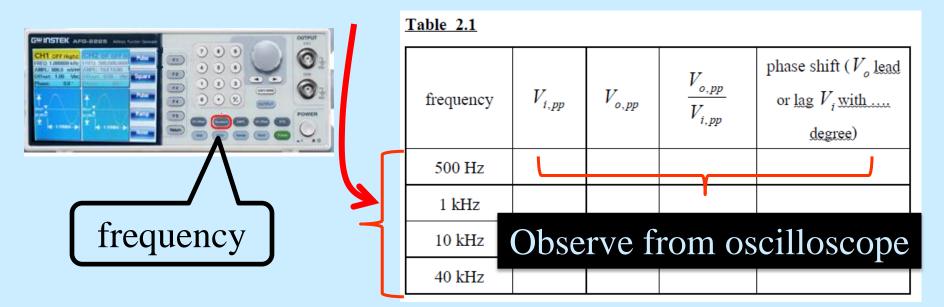


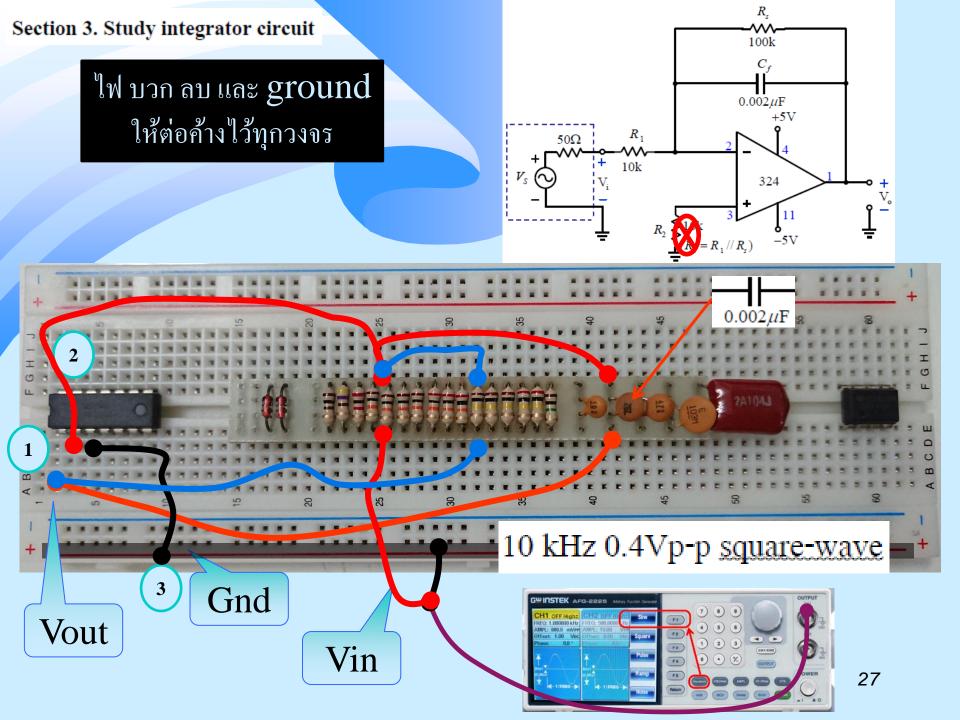
1kHz 0.4Vp-p triangle-wave as input signal.

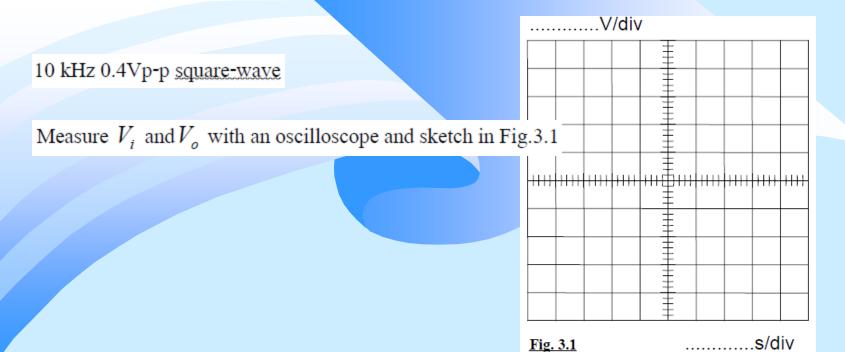
Measure V_i and V_o with an oscilloscope



Apply 0.4 Vp-p sine-wave by varying frequency







0.4 Vp-p sine-wave by varying frequency

