Figure 1 below shows a circuit that with a dependent source in it. Refer to the end of lecture 5 notes for a circuit diagram.

![Circuit Diagram](image)

**Figure 1. A circuit with a VCVS**

Chapter 2 (Simple DC Circuits) in your PSPICE Supplement: *Introduction to Pspice using OrCAD Release 9.2* has details. Basically, sift through the analog library in PSPICE to look for the sources.

An annoying problem in PSPICE is the inability to change some properties of the part. For instance, suppose we wanted to make the voltage source above model: \( v_2 = 3 \cdot v_1 \), where \( v_1 \) is the independent variable (across resistor R2 in figure above). If you double-click the E1 dependent voltage source in PSPICE, you may find the Gain property shaded, which means you cannot change it!

However, to get around this problem go back to the schematic. Select the dependent source first and right-click. Select Edit Part. Now, you will be shown a window with only the dependent source. Click on Options and click Part Properties. Now, you should be able to change any value you want. Close the Edit Part window and choose Update Current or Update All. You should be set to go. To confirm the gain actually changed, double the dependent source.