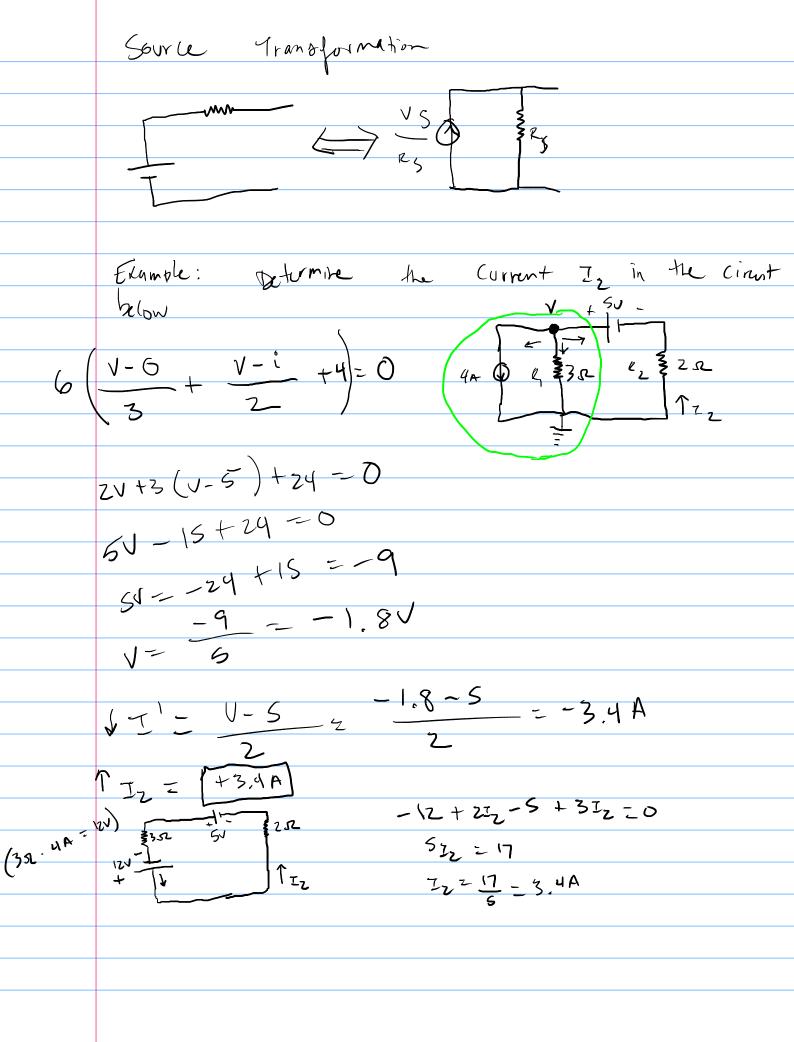
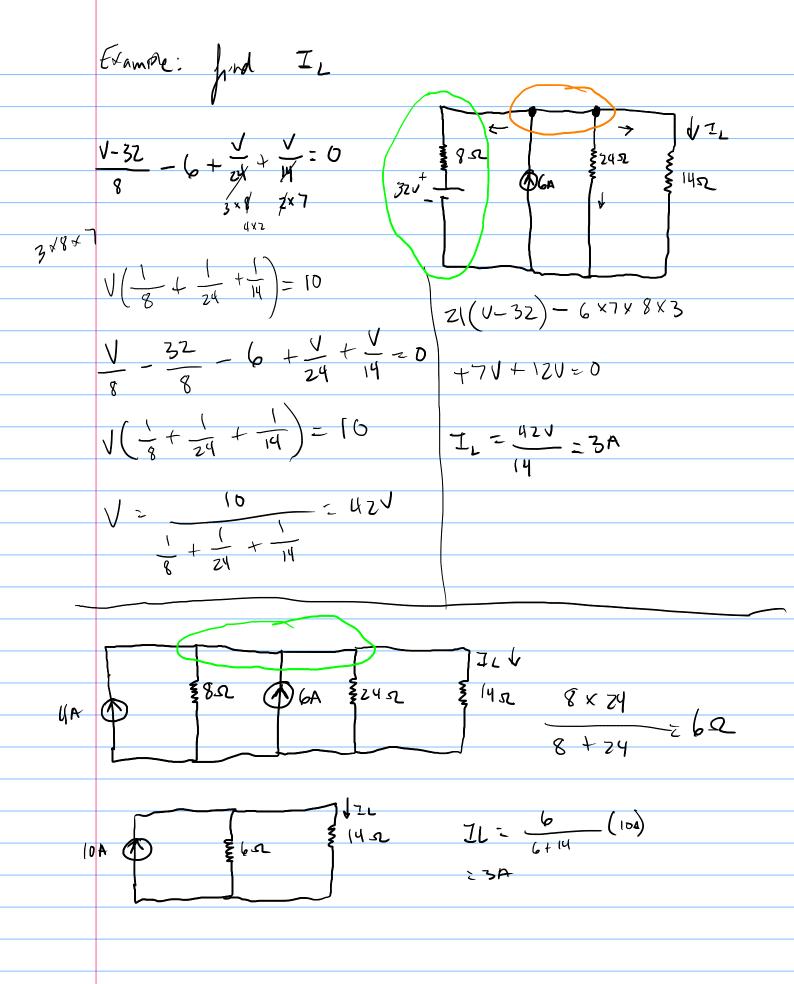
Chapler 8 current Source 3A OVS Supply a fixed current, but the vallage across it can charp deally, a current source internal resistance is very large therefore the internal resistance of a current source is infinite. Voltage bower the current will be variable or dipander on the 10

Vise I voltage to the current will be variable to the 10 to The internal individual resistance of a varyour source it very small, so ideally it is zero, short bora is hge = 200 Transissor model





Network Theorem 1- Super Position The current through or voltage across an element is m linear Nutwork egal to the algebraic Sum of the currents or voltages produced independently by each source Example. V-30 -4+ V= 0 3(V-30)-48+ZV=0 3V-90-48+2V=0 5v=90+98 V= 138 = 27.6V I, = 27.67 = 4.68 Super Point Turn off the current source, replace it by 1 1 2 30 23A

