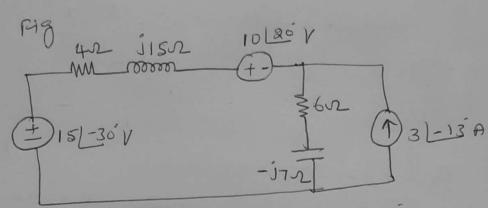
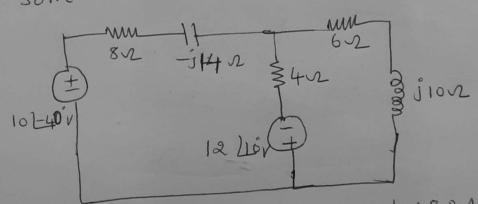
AC Soull problems

Ex: Find the mesh currents for the circuit shown in



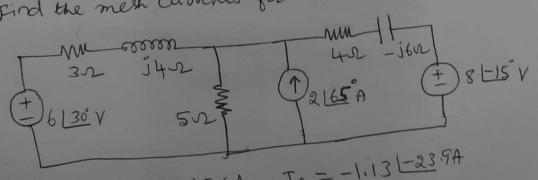
Ans: I,=1.28[85:5A, Z2=-3[-13

Ex: some mesh currents for the circuit sham in Pro



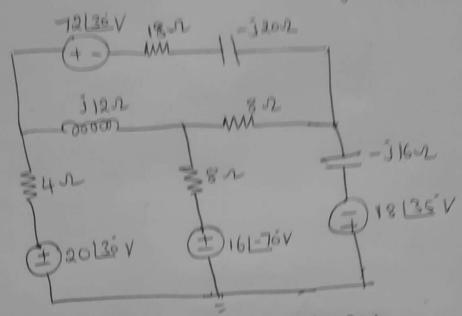
ans: i, = 0.97/1/41.5 A, I2 = -0.63/-48.2 A

Ex: Fird the mesh currents for the circuit shown in Rig



PN: I, =-0.631[15.64, I2=-1.13[-23.9A I3 = -2.31 135.9 A

in the circuit shown in 1979.



ms: I, = 2.07[-26.6A, I2= 1.38[7.36A]

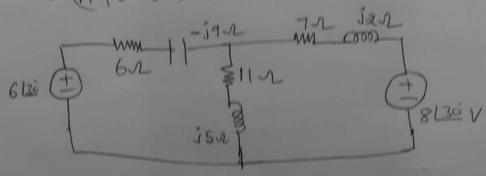
I3= 1.55[-146A]

Ex: show a circuit that corresponds to the

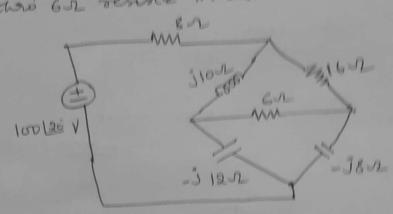
$$\frac{(17-i4)I_1 - (11+i5)I_2 = 6136}{(17-i4)I_1 - (18+i7)I_2 = -8136}$$

$$-(1+i5)I_1 + (18+i7)I_2 = -8136$$

pris.

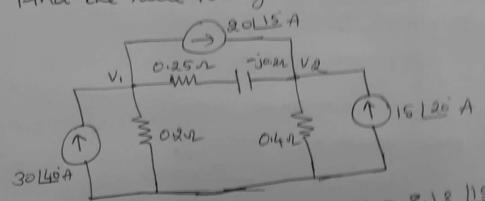


EX: use loop analysis to solve for the current Haring thri 62 resists in the Chil



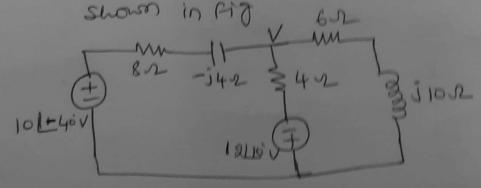
I = 3.62 [-45.8 A

En: Find the node voltages in the circuit showning



Ans: V, = 5.13[47.3 V and Vz = 8.18 [15.7] V

Ex: Use nodal analysis to find V for to circul shown in Fig



DN: V=-7.35 [10.8 V