# EECS/CSE 70A Network Analysis I 

Homework \#1

Due on or before
4/5/2016, Tuesday 6.00pm at ELH 110

Problem 1: Find the power absorbed or supplied by the element.


Problem 2: Find the power absorbed or supplied by the element.


Problem 3: Find the current $\mathrm{I}_{3}$ flowing through element 3.

$$
\mathrm{I}_{\underline{\mathrm{total}}}=3 \mathrm{~A}
$$



Problem 4:
a) Find $I_{2}$
b) Find the power absorbed or supplied by element 2
c) Find the power absorbed or supplied by element 1
d) Is element 1 a source or a sink? Repeat for elements 2 and 3.


