A schematic diagram is shown below with a voltage source and three unknown circuit elements E1, E2, E3 and E4. Circle the correct answer for the questions below.

Fig. 4

a) The voltage across E3 _________ the voltage across E4.
   1) is the same as
   2) is different from
   3) is unrelated to

b) The current through E3 _________ the current through E4.
   1) is the same as
   2) is different from
   3) may be unrelated to

c) The current through E2 is equal to the current through E3 plus the current through E4.
   1) true
   2) false
   3) can't tell

d) The voltage across V1 is equal to the sum of the voltages across E2 and E3 or E4.
   1) true
   2) false
   3) can't tell