(a) Write KVL equation for loop marked in the picture. Start from a voltage source and progress along the direction guided by the arrow.

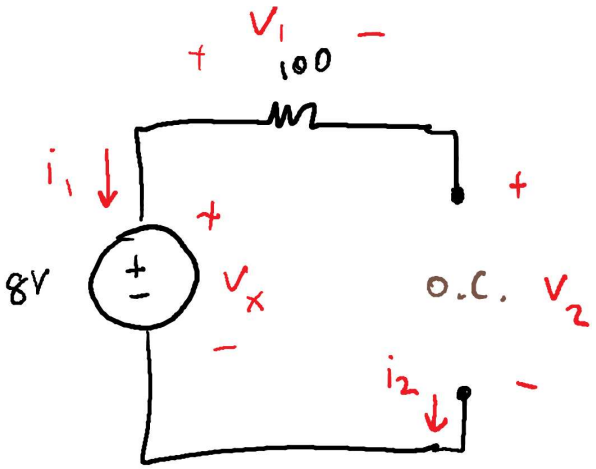
(b) Find i1.

(c) Find i2.

(d) Find v1.

(e) Find v2.

(f) Find vx.



Write your answers in the following format:

Qa: 10 + 10 i1 – 10 + 0.1 v1 + 40 = 0
Qb. i1 = 0A
Qc. i2 = 0A
Qd. v1 = 0V
Qe. v2 = 0V
Qf. vx = 0V