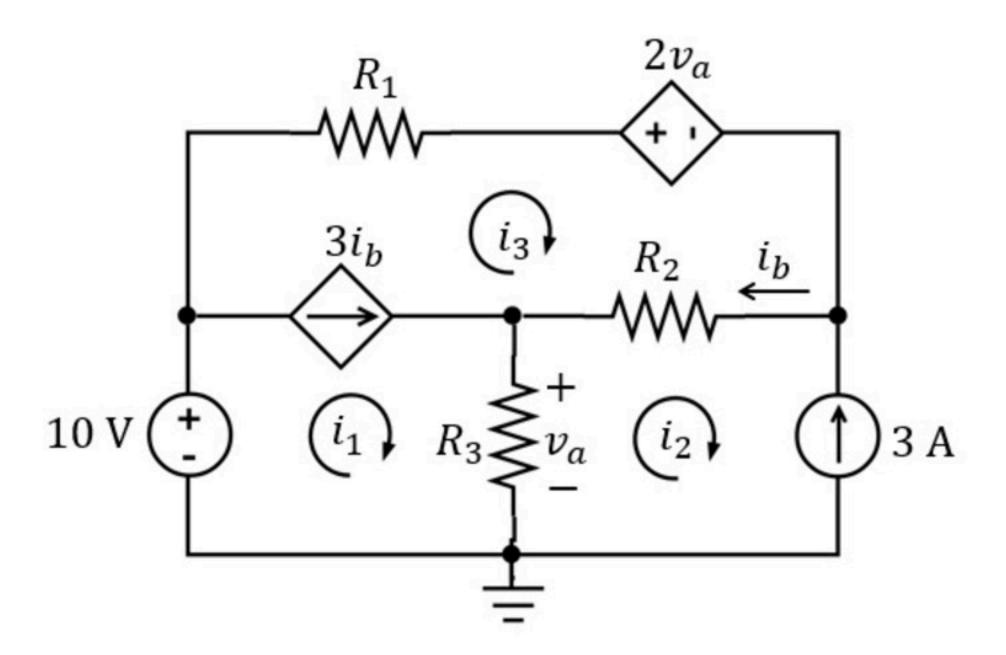
Nodal Mesh 010

Problem has been graded.

Find the mesh currents i_1 , i_2 , and i_3 .



Given Variables:

R1:8 ohm

R2:2 ohm R3:2 ohm

Calculate the following:

i1 (A):

i2 (A):

i3 (A):

Find the mesh currents i_1 , i_2 , and i_3 .

$$R1 = 16 \Omega$$

$$R2 = 1 \Omega$$

$$R3 = 1 \Omega$$

$$\Re$$
 KVL SUPELMESH: $-10 + 16 \cdot \tilde{L}_3 + 2 \cdot (R_3)(L_1 + 3)$ = $+1 \cdot (\tilde{L}_3 + 3) + 1 \cdot (\tilde{L}_1 + 3) = 0$