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Using mesh analysis , find mesh currents i_1 & i_2

Apply KVL in loop – 1

$5 - 2i_2 = 0 \Rightarrow i_2 = 5/2 = 2.5A$

Now $i_1 - i_2 = -2A \Rightarrow i_1 - 2.5 = -2 \Rightarrow i_1 = 0.5$ A

$i_1 = 0.5$ A $\quad i_2 = 2.5$ A