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Started on	Wednesday, 12 October 2016, 11:55 AM
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State	Finished
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Completed on	Wednesday, 12 October 2016, 12:29 PM
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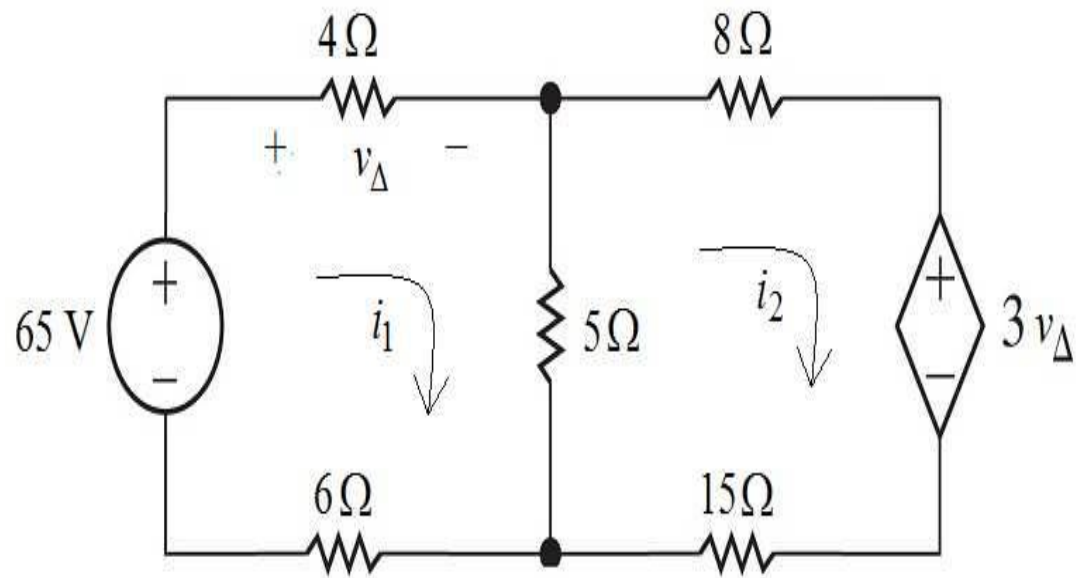
Time taken	34 mins 4 secs
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Grade	100.00 out of 100.00
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Question 1

Correct

Mark 100.00 out of 100.00



Quiz 5d

a) Find the two mesh currents.

$$i_1 = 4 \text{ A}$$

$$i_2 = -1 \text{ A}$$

b) Find the power absorbed/delivered by the dependent voltage source $3v_\Delta$.

$$P_{3v_\Delta} = 48 \text{ W}$$

“+” = absorbed “-” = delivered

Numeric Answer

$$\text{a) } i_1 = 4.0 \text{ A} \quad i_2 = -1.0 \text{ A}$$

$$\text{b) } P_{DS} = -48.0 \text{ W delivering}$$