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Started on	Wednesday, 15 February 2017, 11:03 AM
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State	Finished
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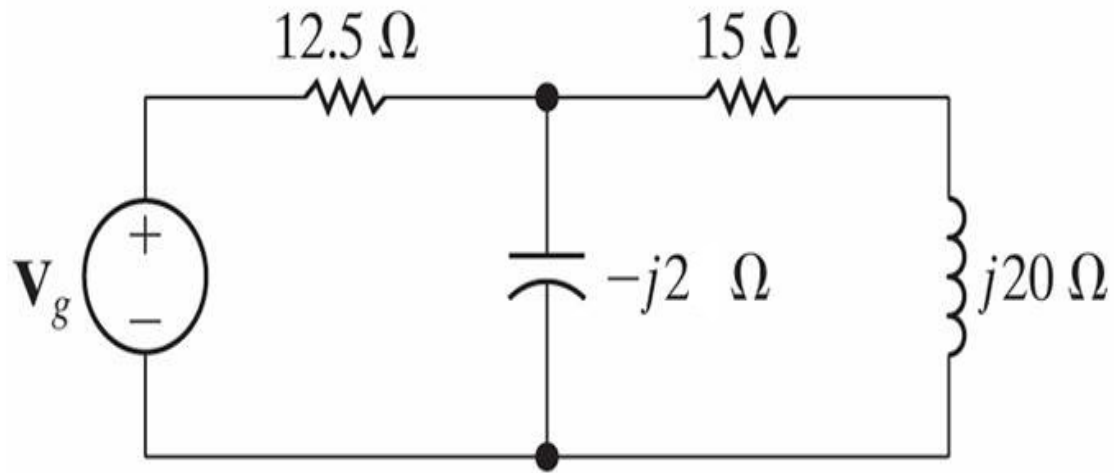
Completed on	Wednesday, 15 February 2017, 11:51 AM
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Time taken	47 mins 35 secs
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Grade	100.00 out of 100.00
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Question 1

Correct

Mark 100.00 out of
100.00

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Quiz 3dThe voltage V_g is $360 V_{\text{rms}}$ at angle 0° (Degree)

- a) Find the average and reactive power for the voltage source.

$$S_g = \boxed{-9992.7} \checkmark + j \boxed{1688.9} \checkmark \text{ VA}$$

- b) Is the voltage source absorbing or delivering average power?

Absorbing or Delivering? Delivering \checkmark

- c) Is the voltage source absorbing or delivering magnetizing VARS?

Absorbing or Delivering? Absorbing \checkmark

“+” = absorbing “-” = delivering

a) $S_g = -9,992.6878 + j 1,688.9050 \text{ VA}$

b) The source is delivering -9,992.6878 Watts

c) The source is absorbing 1,688.9050 VARS

Correct

Marks for this submission: 100.00/100.00.