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**Started on** Wednesday, 13 February 2019, 3:46 PM

**State** Finished

**Completed on** Wednesday, 13 February 2019, 3:54 PM

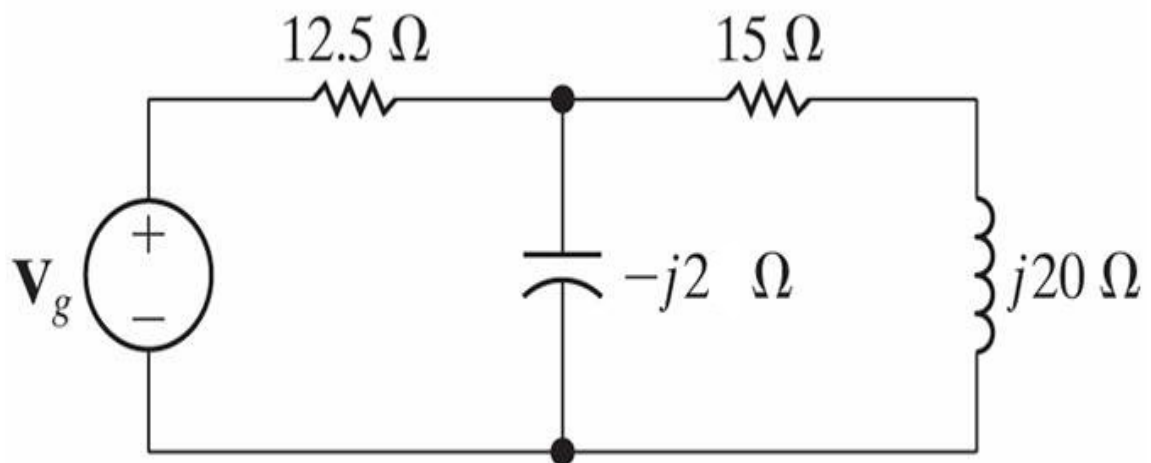
**Time taken** 7 mins 48 secs

**Grade** 100.00 out of 100.00

### Question 1

Correct

Mark 100.00 out of 100.00



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### Quiz 3d

The voltage  $V_g$  is 360 V<sub>rms</sub> at angle 0° (Degree)

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

$S_g =$   ✓ + j  ✓ VA

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

Absorbing or Delivering?  ✓

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

Absorbing or Delivering?  ✓

“+” = absorbing      “-” = delivering

a)  $S_g = -9,992.6878 + j 1,688.9050$  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.

