EEL 3041 Final Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Problem 1 (30 pts) **SHOW ALL WORK!**

In the network below, find

1. \*\*\*\*\* (15 pts)
2. \*\*\*\*\* (15 pts)

Hint: Reduce the network to a voltage source in parallel with an equivalent resistance.

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Problem 2 (30 pts) **SHOW ALL WORK!**

Use \*\*\*\*\* analysis to find

a) \*\*\*\*\* (10 pts)

b) \*\*\*\*\* (10 pts)

c) \*\*\*\*\* (10 pts)







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Problem 3 (25 pts) **SHOW ALL WORK!**

Use \*\*\*\*\* analysis to find





*a*

*b*

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Problem 4 (30 pts) **SHOW ALL WORK!**









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