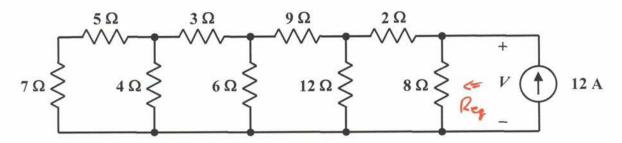
## EE 2240 **Problem #02**



a. Using series and parallel resistance reductions, find the equivalent resistance seen by the source.

$$7n+5n=12n$$
 $12n||4n=3n$ 
 $3n+3n=6n$ 
 $6n||6n=3n$ 
 $3n+9n=12n$ 
 $12n||12n=6n$ 
 $6n+2n=8n$ 
 $8n||8n=4n$ 

b. What is the voltage, V, across the source?