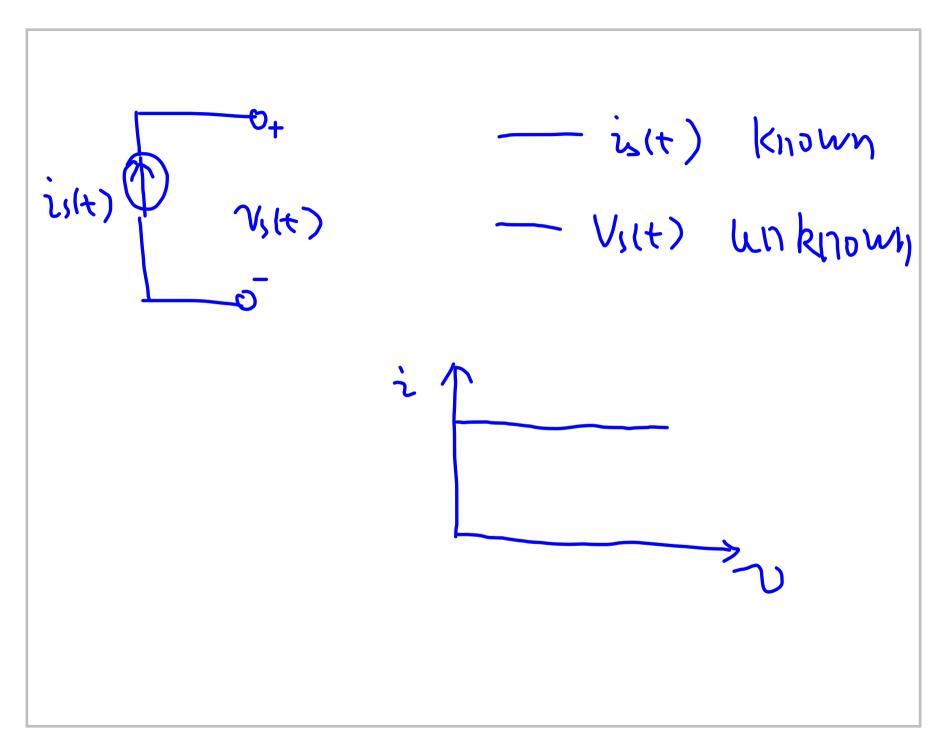


Title: Jan 7-12:22 PM (1 of 10)

Voltage Sources - Batteries Current Sources - Charger \_ is(t) V<sub>s</sub>(+) Vi(t) is known i, (t) is unknown

Title: Jan 7-12:36 PM (2 of 10)



Title: Jan 7-12:41 PM (3 of 10)

Ideal vesistor

$$R = \frac{v}{i}$$
 — Unit ohm

 $V = IR + ohm's law$ 
 $C_1 = \frac{1}{R}$  —  $IS = IAVV$ 

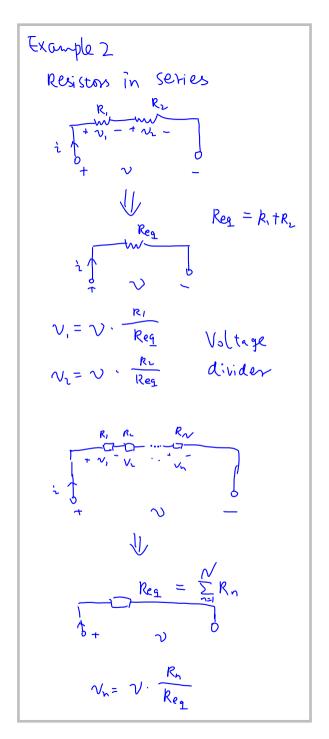
Anit: Sie mens

 $P = VI$ 
 $I = I^2R = \frac{V^2}{R}$ 

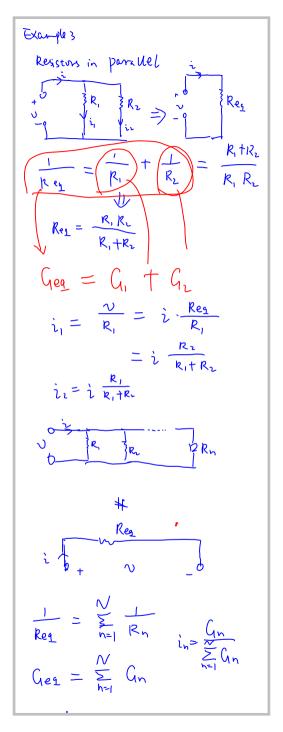
Title: Jan 7-12:43 PM (4 of 10)

Example 1 O open Circuit nort Circuit

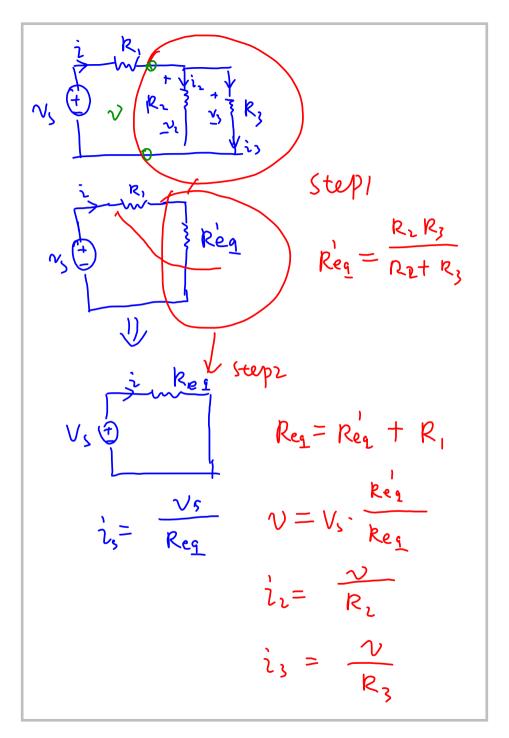
Title: Jan 7-12:49 PM (5 of 10)



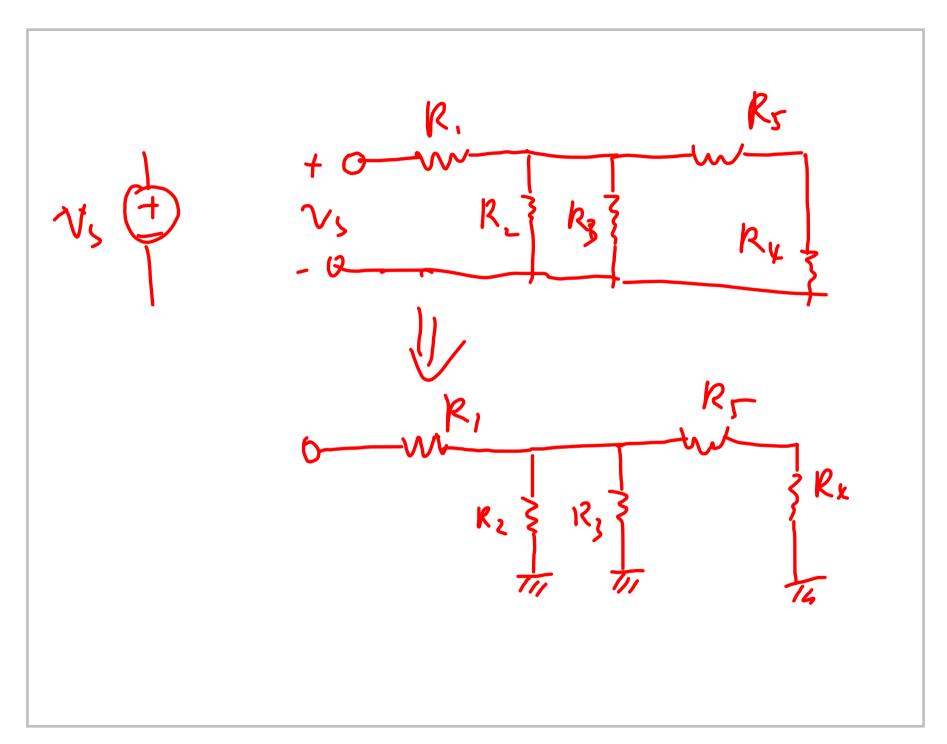
Title: Jan 7-12:51 PM (6 of 10)



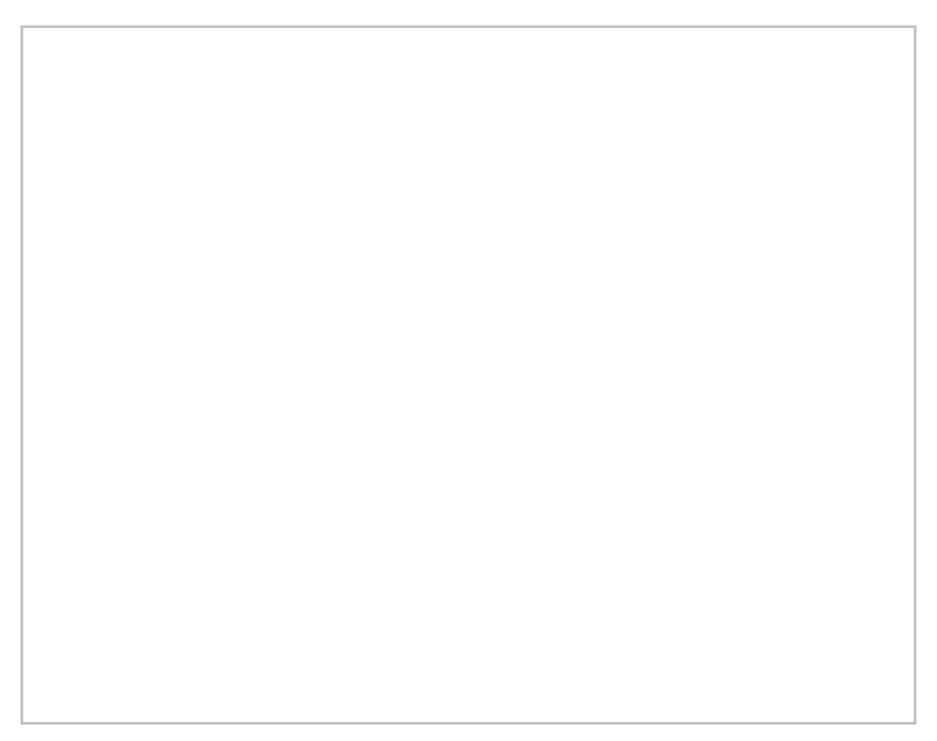
Title: Jan 7-12:57 PM (7 of 10)



Title: Jan 7-1:07 PM (8 of 10)



Title: Jan 7-1:14 PM (9 of 10)



Title: Jan 7-12:55 PM (10 of 10)