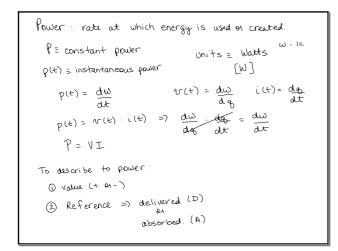
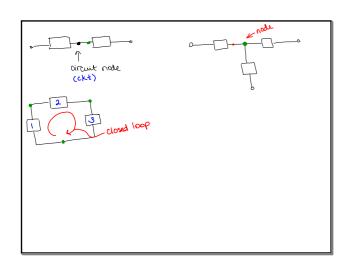


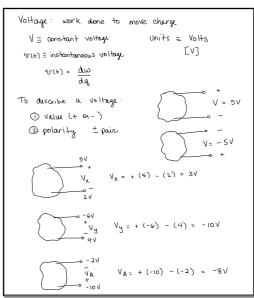
Jan 6-2:40 PM



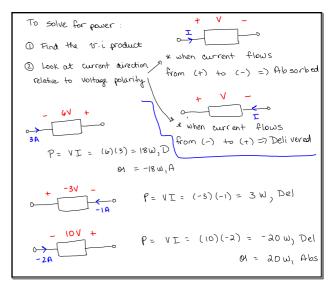
Jan 6-3:17 PM



Jan 6-3:32 PM



Jan 6-3:08 PM



Jan 6-3:22 PM

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Kirchoff's Laws

Kirchoff's Current Law (KCL)

Kirchoff's Voltage Law (KVL)

KCL

① All currents entering a node must sum to Zero -I_1 - I_2 + I_3 + I_4 = 0

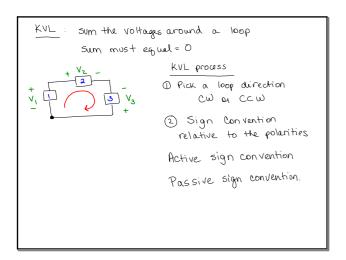
② All currents leaving a node must sum to zero.

I_1 + I_2 - I_3 - I_4 = 0
③ Currents in = Currents out

I_3 + I_4 = I_1 + I_2

The series of the
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Jan 6-3:36 PM



Jan 6-3:45 PM