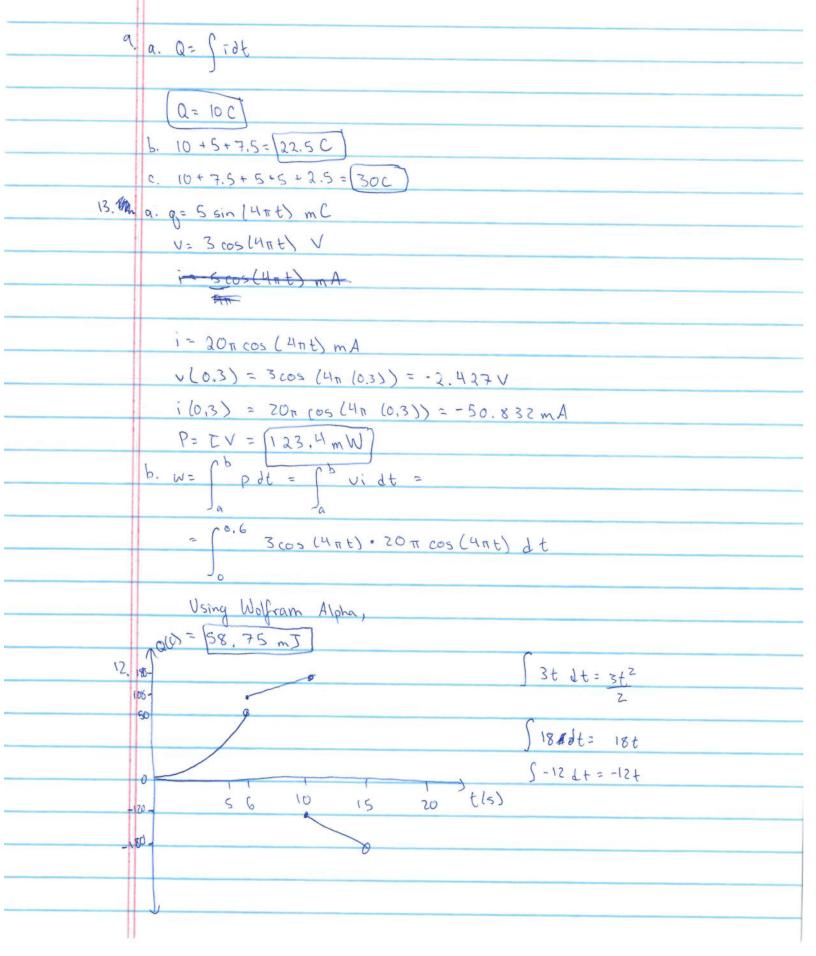
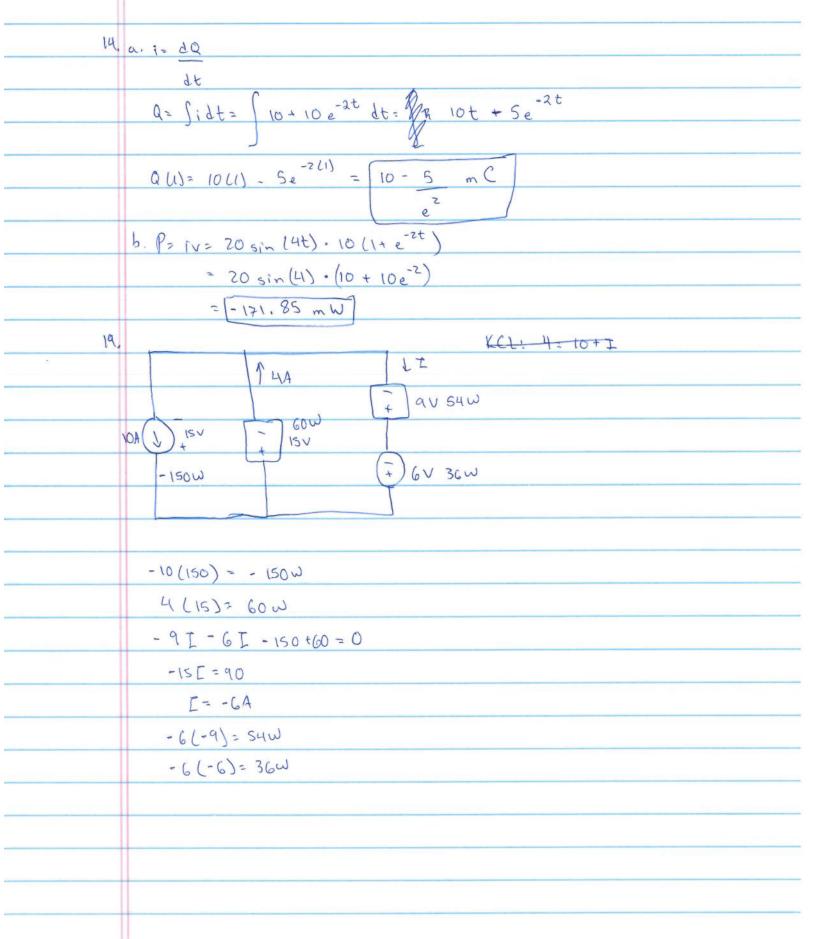
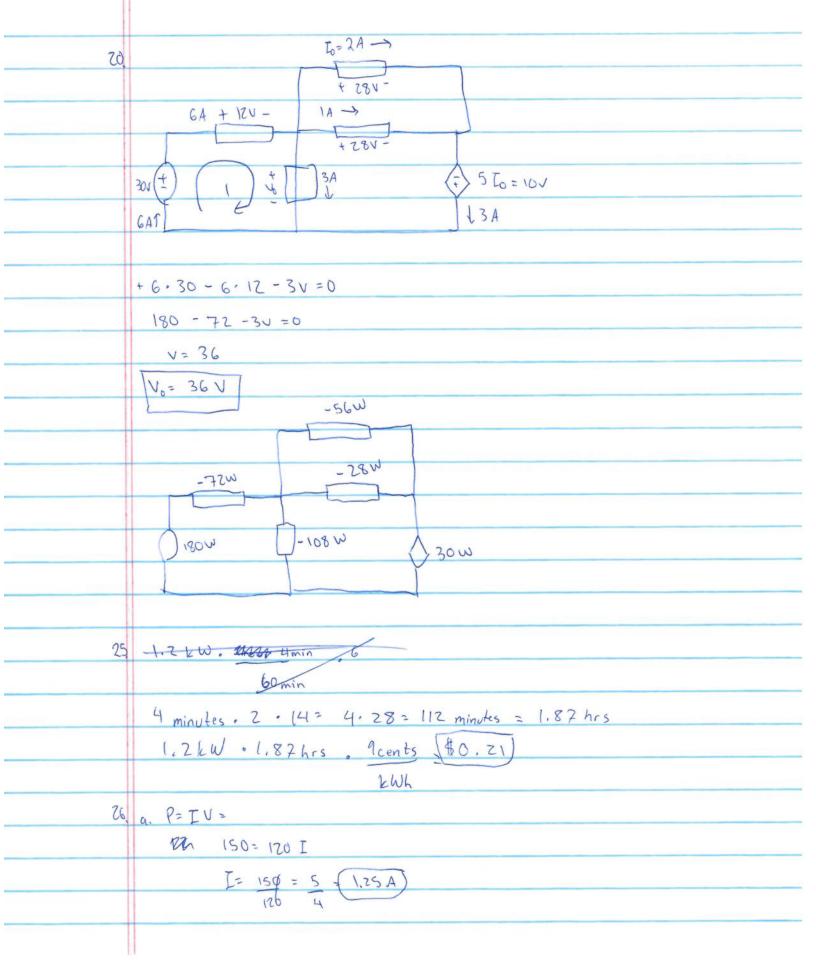
-	Rishabh Shah
	09/14/2017
	4655 4192
	EECS 215 HW 1
3,	b. ilt)= (2++5) mA; q(0)=0
	i = dQ
	åt
	Q= (idt = t2+5t mC)
	c. ilt)= 20 cos (10 t = # ) WA, glo) = 2 UC
2	6
	Q = (idt = 25in(10t+ 1) + 2(v) C
	6
	2 = 2 sin (1010) + 11 ) + C
<u>-</u>	6
	2 = 2 sin (07) + C
	C= 4x850 2-2(0.5)=1
	Q= 2 sin (10 + T ) + 1 mC
	6
7.	i=do TilA)
•	dt 10
	2 3 4 tls)
	-10
	-20-
	V
9	







b. 12 hrs . 365 days = 4380 hours
b. 12 hrs . 365 days = 4380 hours  Jay  4380 hrs . 0.15kw . 9.5 km/ = \$ 62,42  kWhr
4380 hrs - 0.15kw . 9.5 KMar = \$ 62,42
EW Kr