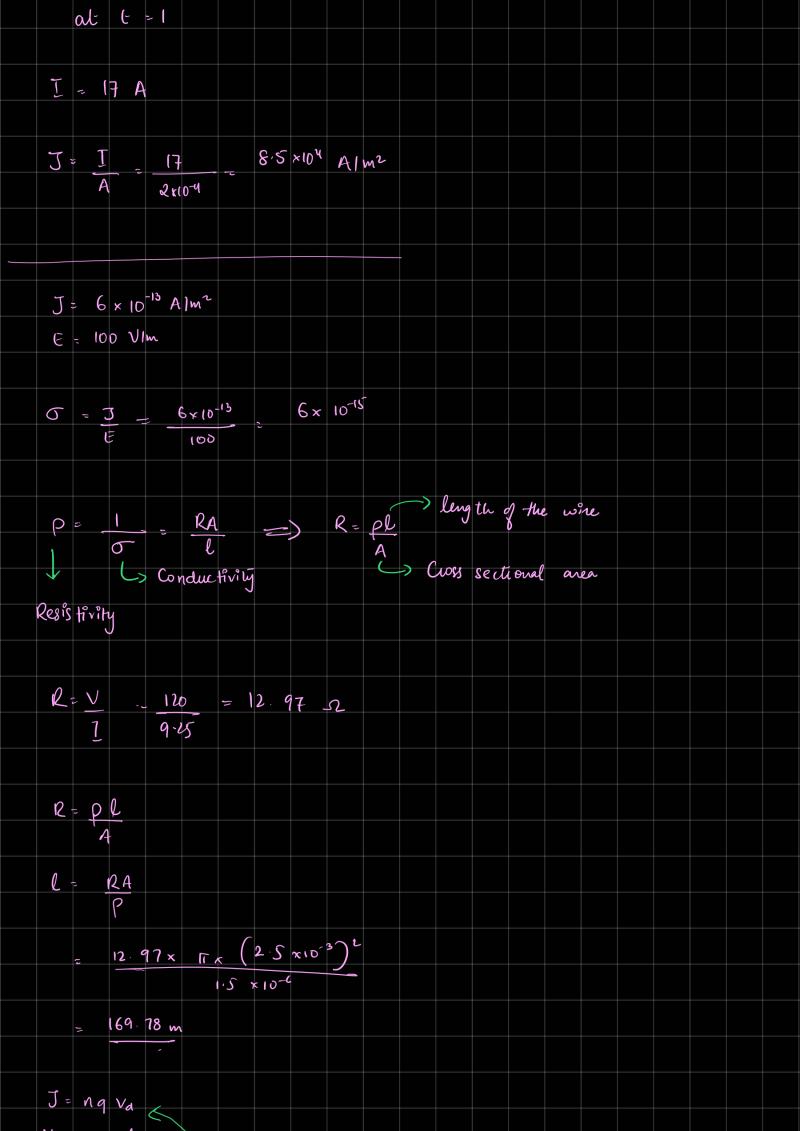
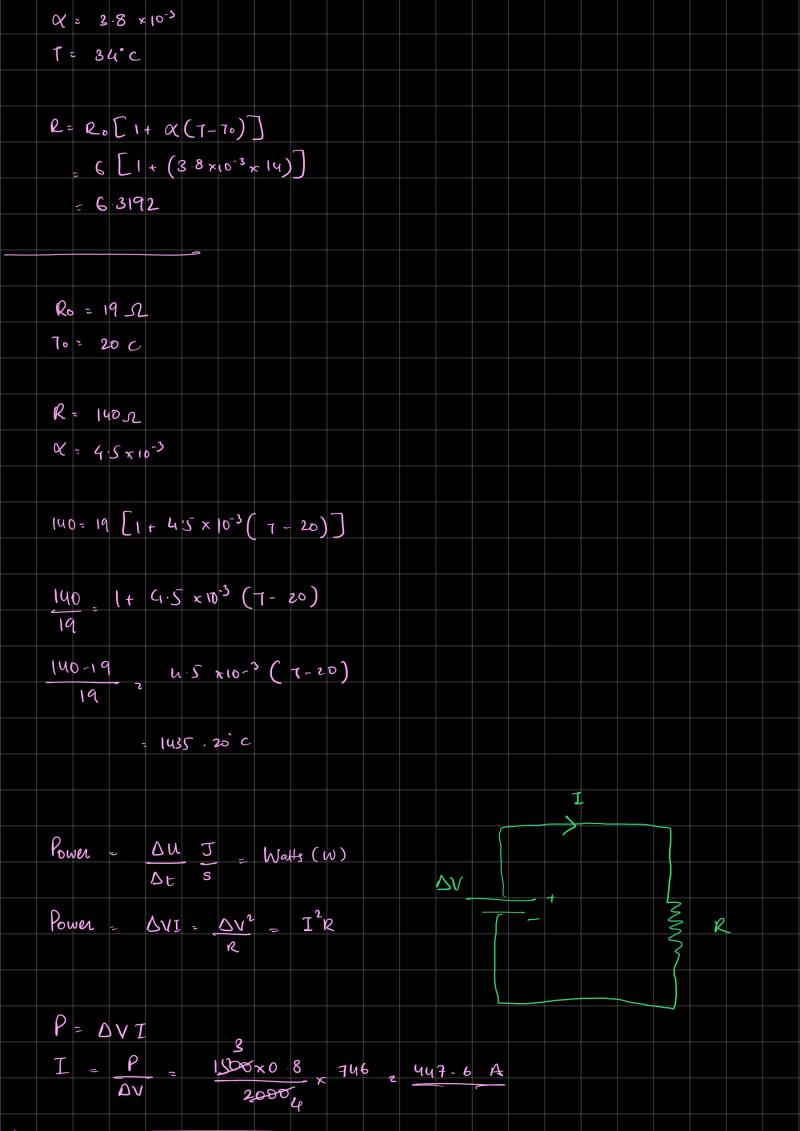
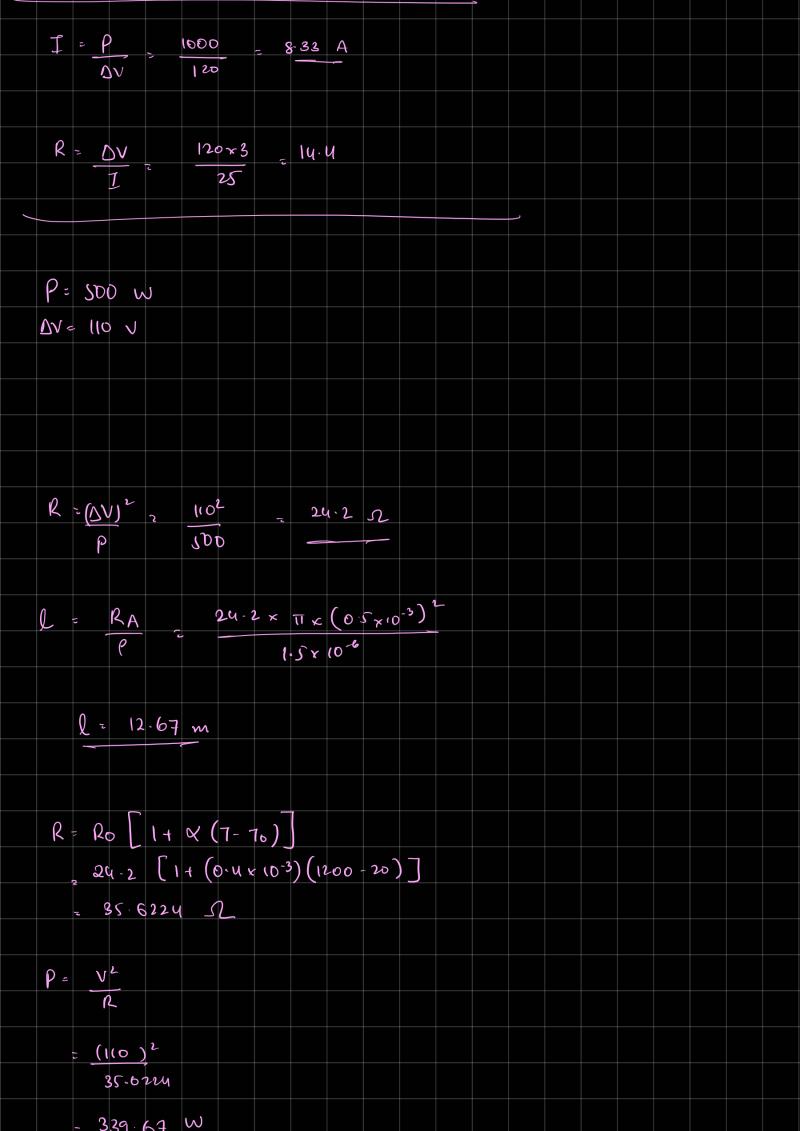


5	10		
8.46 × 1028 ×	1.6×10-19×3.31×10-6		
= 2.23 x 10-4	ms		
I : ng va =	Т		
	Co Current Density	(A m ²)	
Ohm's Law			
J	20.6		
E G Cov	ductivilý		
Electic Fled			
Ohmic Material ->	J is constant-		
3 1/1/10	E		
No. 1)	7 0 7 1		
Non-ohnic materials ->	J is variable		
R = DV Voltage			
I Current			
1			
Resistance (12)			
I = DV	0.1 A		
R 10			
T : 00 00 :	0:1 x 20 = 20.		
T · DQ = DQ =			
I = dq = 12t2	+5		
OUC			



Ve = Vi + at	\rightarrow							
, 1								
0								
v _f , at								
VP J								
9E								
me								
(V) 251								
Vρ = 9EL- me								
	7							
J= ng qEt								
L me								
= ng2 Et								
Me								
J = ng2 t	ءِ ٥							
E m _e								
ρ = 1	Me							
<u> </u>	me ng² t							
P = Po [1+	× (7-70)							
PPE	1							
	L) Tempera	ture co	efficient	C 1	=	<u>ΔΡ</u> ΔΤ		
Reference	chara	cliristic o	maleri	al	Po			
Resistivity at 70					Ox			
10						DR		
					Ro	۵7		
R = R0 [1+ 0	(1 - 76)]							
Ro = 6-12 To = 20°C								
To = 20°C								





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