Section 3 Noon then Guy - Son Source 4. simple inegals 1 - 5 role: = 6 5 20lms 10 simple Tregak 2 - Son oln & b Simple Integrale 3 - 5 moder = 2 Indu = & ba  $\int_{a}^{b} n da = \frac{1}{a}b^{2} \cdot 2$ Commung Integrals - S flow don = 70 Se stordor + So for Idea = S Elasdor Sa flajola = 50 Surion 5 whole Integrals 4- July dn = 9 simple surgerls 5- 5 15-m2 das 4.5 a 5 3 9- nº dn = 2.25 " yourty of affine Irrage 5 - Storder = 12 accounte inter Frettens - 5 semidor = 5

Evaluate the Soung - \( \sum\_{4=1}^{100/} (-1)^{1/2} = -1

Evaluate the Sum # - \$10 + \$6 + 10(N-3) + 6(N+1)

Section 10

Evaluate the sum - 2 1/2 (n+1) = 1

12+22+32+42

1 + 2+ 4 + 8 + 16 = 31

 $\frac{n(n+1)}{2}$ 

Section 13

competential of Relations some  $1 - \int_0^1 a \, da = \int_0^{25/64} ans \frac{3-a}{n} \frac{b=1}{n} \frac{a=0}{n=4} + ans \frac{1}{4}$   $\frac{25/64}{(1+1)^3 + (\frac{2}{4})^3 + (\frac{2}{4})^3 + (\frac{4}{4})^3 = \frac{100}{04}$ 

Consistantin of Primations 2 -