

Errors and Percentage Ethonge:	
$\delta f \simeq \frac{\delta f}{\delta n} Sn + \frac{Sf}{\delta y}$	
If it called absolute Error	
If is carred adsorable relative error	
CE III Company that the charge and a	
Et x 100 is called Percentage person vilabre enor.	
furchions of 3 or more variables:	
(t f(n, y, u, v) and sn, sy, su, sv	
are small errors in n, y, u, v respectively therefore:	
$\delta_t \simeq \int_{\delta n} \int_{\delta n} \int_{\delta y} \int_{\delta y$	
on sy de Cosv	
Notes	
Example: Arch = 5 = 12 1 e Alich 6	
Example: Area = $5 = 0$ [Method 13] Convey 14844, $6 = 30$ $24 = 30$ 4 Prover in 6 and 24 is ± 0.00 sm error in 6 ± 0.00 ± 0.00	
Proving and 29 + 0.005m	
error in & A is to. 01°	
differentiale Calculat max. error in 5 3	
with respect	
To early $\frac{\delta s}{\delta b} = \frac{1}{2} c \sin A$ $\frac{\delta s}{\delta c} = \frac{1}{2} b \sin A$ $\frac{\delta s}{\delta c} = \frac{1}{2} b \cos A$.	
it my $\frac{35}{5} = \frac{55}{56} =$	
formula 56 8c SA	
= 1/2 csin A 86 + 1/2 6 sin A Sc + 1/2 6 c cos A SA.	
(86) = (Se) = 0.005	
(SA) = TY(80 × 0.01) : (SS) nex = (1/2 × 3 × 1) × 10.005 + (1/2 × 4 × 0.5) × 0.00	ros
+ (1/2 × 4 × 3 × 5/2) × 7/80 × 0:01	
(SS) max = 0.0097 m²	