

ACTIVITY 1

Terms	Result	ϵ_t (%)	ϵ_a (%)
1	1	39.3	
2	1.5	9.02	33.3
3	1.625	1.44	7.69
4	1.645833333	0.175	1.27
5	1.648437500	0.0172	0.158
6	1.648697917	0.00140	0.0158
7	1.648719618	0.0000838	0.00132
8	1.648721168	-0.0000102	9.40E-05

Formula			
Terms	Result	ϵ_t (%)	ϵ_a (%)
1	1	$((1.648721-B2)/1.648721)*100$	""
2	$(=SUM(B2,0.5))$	$((1.648721-B3)/1.648721)*100$	$((B3-B2)/B3)*100$
3	$(=B3+(0.5^2)/2)$	$((1.648721-B4)/1.648721)*100$	$((B4-B3)/B4)*100$
4	$(=B4+(0.5^3)/6)$	$((1.648721-B5)/1.648721)*100$	$((B5-B4)/B5)*100$
5	$(=B5+(0.5^4)/24)$	$((1.648721-B6)/1.648721)*100$	$((B6-B5)/B6)*100$
6	$(=B6+(0.5^5)/120)$	$((1.648721-B7)/1.648721)*100$	$((B7-B6)/B7)*100$
7	$(=B7+(0.5^6)/720)$	$((1.648721-B8)/1.648721)*100$	$((B8-B7)/B8)*100$
8	$(=B8+(0.5^7)/5040)$	$((1.648721-B9)/1.648721)*100$	$((B9-B8)/B9)*100$