

Ca-45 DECAY TABLE

HALF-LIFE = 162.7 days

		Days									
		0	1	2	3	4	5	6	7	8	9
Days	0	1.0000	0.9957	0.9915	0.9873	0.9831	0.9789	0.9748	0.9706	0.9665	0.9624
	10	0.9583	0.9542	0.9502	0.9461	0.9421	0.9381	0.9341	0.9302	0.9262	0.9223
	20	0.9183	0.9144	0.9106	0.9067	0.9028	0.8990	0.8952	0.8914	0.8876	0.8838
	30	0.8800	0.8763	0.8726	0.8689	0.8652	0.8615	0.8578	0.8542	0.8506	0.8469
	40	0.8433	0.8398	0.8362	0.8326	0.8291	0.8256	0.8221	0.8186	0.8151	0.8116
	50	0.8082	0.8047	0.8013	0.7979	0.7945	0.7912	0.7878	0.7844	0.7811	0.7778
	60	0.7745	0.7712	0.7679	0.7646	0.7614	0.7582	0.7549	0.7517	0.7485	0.7454
	70	0.7422	0.7390	0.7359	0.7328	0.7296	0.7265	0.7235	0.7204	0.7173	0.7143
	80	0.7112	0.7082	0.7052	0.7022	0.6992	0.6962	0.6933	0.6903	0.6874	0.6845
	90	0.6816	0.6787	0.6758	0.6729	0.6701	0.6672	0.6644	0.6616	0.6587	0.6559
	100	0.6532	0.6504	0.6476	0.6449	0.6421	0.6394	0.6367	0.6340	0.6313	0.6286
	110	0.6259	0.6233	0.6206	0.6180	0.6153	0.6127	0.6101	0.6075	0.6050	0.6024
	120	0.5998	0.5973	0.5947	0.5922	0.5897	0.5872	0.5847	0.5822	0.5797	0.5773
	130	0.5748	0.5724	0.5699	0.5675	0.5651	0.5627	0.5603	0.5579	0.5556	0.5532
	140	0.5508	0.5485	0.5462	0.5438	0.5415	0.5392	0.5369	0.5347	0.5324	0.5301
150	0.5279	0.5256	0.5234	0.5212	0.5190	0.5167	0.5146	0.5124	0.5102	0.5080	
160	0.5059	0.5037	0.5016	0.4994	0.4973	0.4952	0.4931	0.4910	0.4889	0.4868	
170	0.4848	0.4827	0.4807	0.4786	0.4766	0.4745	0.4725	0.4705	0.4685	0.4665	
180	0.4645	0.4626	0.4606	0.4587	0.4567	0.4548	0.4528	0.4509	0.4490	0.4471	
190	0.4452	0.4433	0.4414	0.4395	0.4377	0.4358	0.4339	0.4321	0.4303	0.4284	
200	0.4266	0.4248	0.4230	0.4212	0.4194	0.4176	0.4158	0.4141	0.4123	0.4106	
210	0.4088	0.4071	0.4054	0.4036	0.4019	0.4002	0.3985	0.3968	0.3951	0.3934	
220	0.3918	0.3901	0.3885	0.3868	0.3852	0.3835	0.3819	0.3803	0.3787	0.3770	

$$A = A(0) * \exp((-0.693/\text{half-life in days}) * t)$$

t = time in days