

DECAY TABLE

¹³¹I ISOTOPE

PHYSICAL HALF LIFE: 8.04 DAYS

¹³¹I ISOTOPE DECAY FACTORS:

day	hours	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0
0	0	1.0000	0.9964	0.9928	0.9893	0.9857	0.9822	0.9787	0.9752	0.9717	0.9682	0.9647	0.9613	0.9578
	12	0.9578	0.9544	0.9510	0.9475	0.9441	0.9408	0.9374	0.9340	0.9307	0.9273	0.9240	0.9207	0.9174
1	24	0.9174	0.9141	0.9108	0.9076	0.9043	0.9011	0.8978	0.8946	0.8914	0.8882	0.8850	0.8819	0.8787
	36	0.8787	0.8755	0.8724	0.8693	0.8662	0.8631	0.8600	0.8569	0.8538	0.8507	0.8477	0.8447	0.8416
2	48	0.8416	0.8386	0.8356	0.8326	0.8296	0.8266	0.8237	0.8207	0.8178	0.8148	0.8119	0.8090	0.8061
	60	0.8061	0.8032	0.8003	0.7975	0.7946	0.7918	0.7889	0.7861	0.7833	0.7805	0.7777	0.7749	0.7721
3	72	0.7721	0.7693	0.7666	0.7638	0.7611	0.7584	0.7556	0.7529	0.7502	0.7475	0.7449	0.7422	0.7395
	84	0.7395	0.7369	0.7342	0.7316	0.7290	0.7264	0.7238	0.7212	0.7186	0.7160	0.7134	0.7109	0.7083
4	96	0.7083	0.7058	0.7033	0.7007	0.6982	0.6957	0.6932	0.6907	0.6883	0.6858	0.6833	0.6809	0.6784
	108	0.6784	0.6760	0.6736	0.6712	0.6688	0.6664	0.6640	0.6616	0.6592	0.6569	0.6545	0.6522	0.6498
5	120	0.6498	0.6475	0.6452	0.6429	0.6405	0.6383	0.6360	0.6337	0.6314	0.6291	0.6269	0.6246	0.6224
	132	0.6224	0.6202	0.6179	0.6157	0.6135	0.6113	0.6091	0.6069	0.6048	0.6026	0.6004	0.5983	0.5961
6	144	0.5961	0.5940	0.5919	0.5898	0.5876	0.5855	0.5834	0.5813	0.5793	0.5772	0.5751	0.5730	0.5710
	156	0.5710	0.5689	0.5669	0.5649	0.5628	0.5608	0.5588	0.5568	0.5548	0.5528	0.5508	0.5489	0.5469
7	168	0.5469	0.5449	0.5430	0.5410	0.5391	0.5372	0.5352	0.5333	0.5314	0.5295	0.5276	0.5257	0.5238
	180	0.5238	0.5219	0.5201	0.5182	0.5164	0.5145	0.5127	0.5108	0.5090	0.5072	0.5053	0.5035	0.5017

¹²⁵I ISOTOPE:

PHYSICAL HALF LIFE: 59.4 DAYS

¹²⁵I ISOTOPE DECAY FACTORS:

days	hours	0.0	8.0	16.0	24.0	32.0	40.0	48.0	56.0	64.0	72.0	80.0	88.0	96.0
0	0	1.0000	0.9961	0.9923	0.9884	0.9846	0.9807	0.9769	0.9731	0.9694	0.9656	0.9619	0.9581	0.9544
4	96	0.9544	0.9507	0.9470	0.9433	0.9397	0.9360	0.9324	0.9288	0.9252	0.9216	0.9180	0.9144	0.9109
8	192	0.9109	0.9073	0.9038	0.9003	0.8968	0.8933	0.8899	0.8864	0.8830	0.8796	0.8761	0.8727	0.8694
12	288	0.8694	0.8660	0.8626	0.8593	0.8559	0.8526	0.8493	0.8460	0.8427	0.8394	0.8362	0.8329	0.8297
16	384	0.8297	0.8265	0.8233	0.8201	0.8169	0.8137	0.8106	0.8074	0.8043	0.8012	0.7981	0.7950	0.7919
20	480	0.7919	0.7888	0.7857	0.7827	0.7797	0.7766	0.7736	0.7706	0.7676	0.7646	0.7617	0.7587	0.7558
24	576	0.7558	0.7528	0.7499	0.7470	0.7441	0.7412	0.7383	0.7355	0.7326	0.7298	0.7269	0.7241	0.7213
28	672	0.7213	0.7185	0.7157	0.7129	0.7102	0.7074	0.7047	0.7019	0.6992	0.6965	0.6938	0.6911	0.6884
32	768	0.6884	0.6857	0.6831	0.6804	0.6778	0.6752	0.6725	0.6699	0.6673	0.6647	0.6622	0.6596	0.6570
36	864	0.6570	0.6545	0.6519	0.6494	0.6469	0.6444	0.6419	0.6394	0.6369	0.6344	0.6320	0.6295	0.6271
40	960	0.6271	0.6246	0.6222	0.6198	0.6174	0.6150	0.6126	0.6102	0.6079	0.6055	0.6032	0.6008	0.5985
44	1056	0.5985	0.5962	0.5938	0.5915	0.5892	0.5870	0.5847	0.5824	0.5801	0.5779	0.5756	0.5734	0.5712
48	1152	0.5712	0.5690	0.5668	0.5646	0.5624	0.5602	0.5580	0.5558	0.5537	0.5515	0.5494	0.5473	0.5451
52	1248	0.5451	0.5430	0.5409	0.5388	0.5367	0.5346	0.5326	0.5305	0.5284	0.5264	0.5244	0.5223	0.5203
56	1344	0.5203	0.5183	0.5163	0.5143	0.5123	0.5103	0.5083	0.5063	0.5043	0.5024	0.5004	0.4985	0.4966
60	1440	0.4966	0.4946	0.4927	0.4908	0.4889	0.4870	0.4851	0.4832	0.4814	0.4795	0.4776	0.4758	0.4739