

Numbers from our mathematical model:

0.5604260145	21.61301736	40.18537982	60.3649602	81.4899229
1.273367776	22.00257449	41.34289594	60.43160025	81.76528
2.4898389	22.87459862	41.94914354	62.7401407	83.00105545
3.613102047	23.9733199	42.95325048	63.50902025	84.1621959
4.284239056	24.6899724	44.20842012	64.6139089	85.1212003
5.065582	26.02627862	45.31473724	65.66298075	85.80005105
5.897746555	27.21233169	46.35853259	66.5131894	87.29246185
7.284641315	27.88243626	47.28150928	67.9740131	87.8668122
7.696262155	29.85295634	48.89609504	68.4710807	89.4989834
9.762398175	30.3009731	49.61433282	70.2775811	89.90905225
11.06550332	31.5029203	50.61083615	70.54581125	90.74722175
11.9272638	31.8839368	51.48013345	71.45960065	91.63395035
12.88221364	32.61163984	52.94166885	72.56956435	92.74689095
14.0789619	33.47474886	53.225362	73.77771595	93.64199745
14.50140294	34.05620135	54.58647885	74.8396849	95.44371815
16.49783866	35.12287402	55.1854906	76.4416378	96.1931488
17.04546504	35.96219312	56.49430565	76.8926345	96.85284275
17.52698404	36.76361771	56.84378995	78.52033975	97.39779785
18.73759214	37.60369738	57.4841256	79.3907283	98.43569195
19.98160715	38.83193684	59.4396592	80.59820325	99.6289754

 Spacings between numbers in the list above: we will plot a frequency bar chart from these spacings. Each number below is the difference between two consecutive numbers from the list above. For example, $1.273367776 - 0.5604260145 = 0.7129417615$. Can you find that spacing in the list below?

0.06664005	0.64033565	0.8692973	1.10631712	1.33630622
0.26823015	0.65969395	0.87038855	1.1099637	1.35344298
0.2753571	0.67010457	0.87202413	1.1129406	1.36111685
0.28369315	0.671137009	0.8867286	1.123263147	1.38689476
0.3494843	0.67885075	0.89171965	1.15751612	1.4608237
0.3810165	0.7129417615	0.8951065	1.16114045	1.4615354
0.38955713	0.7166525	0.9137894	1.18605307	1.4924108
0.41006885	0.71823778	0.92297669	1.19328345	1.6019529
0.41162084	0.72770304	0.925301	1.19674826	1.61458576
0.42244104	0.74943065	0.95494984	1.2019472	1.62770525
0.44801676	0.76887955	0.9590044	1.20747495	1.63141021
0.4509967	0.781342944	0.99650333	1.2081516	1.6321712
0.481519	0.80142459	1.00410694	1.2106081	1.8017207
0.4970676	0.832164555	1.0378941	1.216471124	1.8065004
0.5449551	0.8381695	1.04379535	1.22823946	1.9555336
0.54762638	0.8393191	1.04907185	1.23577545	1.97052008
0.57435035	0.84007967	1.06196895	1.24401501	1.99643572
0.58145249	0.85020865	1.06667267	1.25516964	2.06613602
0.59901175	0.86176048	1.09872128	1.303105145	2.30854045
0.6062476	0.86310902	1.10488865	1.30881505	