

The Math Age

Statistical Tool for The 9th Age
github.com/MrMossevig/TheMathAge

Leadership	2	3	4	5	6	7	8	9	10
Normal	2.8%	8.3%	16.7%	27.8%	41.7%	58.3%	72.2%	83.3%	91.7%
Reroll	5.5%	16.0%	30.6%	47.8%	66.0%	82.6%	92.3%	97.2%	99.3%
Cold-blooded	7.4%	19.9%	35.6%	52.3%	68.1%	80.6%	89.4%	94.9%	98.1%
CB+Reroll	14.3%	35.9%	58.6%	77.3%	89.8%	96.2%	98.9%	99.7%	100.0%

Charge Range	2	3	4	5	6	7	8	9	10	11	12	AVG
Charge	100.0%	97.2%	91.7%	83.3%	72.2%	58.3%	41.7%	27.8%	16.7%	8.3%	2.8%	7
Charge+Reroll	100.0%	99.9%	99.3%	97.2%	92.3%	82.6%	66.0%	47.8%	30.6%	16.0%	5.5%	8.4
Swiftstride	100.0%	99.5%	98.1%	94.9%	89.4%	80.6%	68.1%	52.3%	35.6%	19.9%	7.4%	8.5
SS+BotS	100.0%	100.0%	100.0%	98.9%	96.0%	89.8%	79.7%	64.2%	45.3%	25.9%	9.9%	9.1
SS+Reroll	100.0%	100.0%	100.0%	99.7%	98.9%	96.2%	89.8%	77.3%	58.6%	35.9%	14.3%	9.7
SS+Daring	100.0%	100.0%	99.8%	99.2%	97.5%	94.1%	88.3%	79.3%	67.0%	52.0%	36.0%	10.5

Cast (extra die available)	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	AVG	OP-chance
1D6	0.0%	66.7%	50.0%	33.3%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.5	0.0%
2D6	100.0%	97.2%	91.7%	83.3%	72.2%	58.3%	41.7%	27.8%	16.7%	8.3%	2.8%	2.8%	2.3%	1.9%	1.4%	0.9%	0.5%	0.0%	7.1	2.8%
3D6	100.0%	100.0%	99.5%	98.1%	95.4%	90.7%	83.8%	74.1%	62.5%	50.0%	37.5%	25.9%	17.6%	11.8%	8.1%	6.0%	5.1%	3.9%	10.8	7.4%
4D6	100.0%	100.0%	100.0%	99.9%	99.6%	98.8%	97.3%	94.6%	90.3%	84.1%	76.1%	66.4%	55.6%	44.8%	34.9%	26.4%	19.8%	15.1%	14.5	13.2%
5D6	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%	99.7%	99.3%	98.4%	96.8%	94.1%	90.2%	84.8%	77.9%	69.6%	60.5%	51.2%	42.2%	18.2	19.6%

Dispel/ cast (no extra die)	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	AVG	OP-chance
1D6	0.0%	66.7%	50.0%	33.3%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.5	0.0%
2D6	100.0%	97.2%	91.7%	83.3%	72.2%	58.3%	41.7%	27.8%	16.7%	8.3%	2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.0	2.8%
3D6	100.0%	100.0%	99.5%	98.1%	95.4%	90.7%	83.8%	74.1%	62.5%	50.0%	37.5%	25.9%	16.2%	9.3%	4.6%	1.9%	0.5%	0.0%	10.5	7.4%
4D6	100.0%	100.0%	100.0%	99.9%	99.6%	98.8%	97.3%	94.6%	90.3%	84.1%	76.1%	66.4%	55.6%	44.4%	33.6%	23.9%	15.9%	9.7%	14.0	13.2%
5D6	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%	99.7%	99.3%	98.4%	96.8%	94.1%	90.2%	84.8%	77.9%	69.5%	60.0%	50.0%	40.0%	17.5	19.6%

Total probability for effect (including OP-chance and last D6)

Miscast/OP	Amnesia	Catastrophic Detonation	Breach in the Veil
1D6	0.0%	0.0%	0.0%
2D6	0.0%	0.5%	0.0%
3D6	1.2%	2.5%	0.0%
4D6	4.4%	6.6%	2.2%
5D6	9.8%	9.8%	3.3%

Thaumaturgy