

DIFFICULTY CLASS 5 – “VERY EASY”

ABILITY SCORE INCREASE ASSUMPTIONS BY LEVEL

Level	Proficiency	Ability Score			
		Primary	Secondary	Tertiary	Other
1st	+2	16	14	12	10
4th	+2	18	14	12	10
8th	+3	20	14	12	10
12th	+4	20	16	12	10
16th	+5	20	18	12	10
19th	+6	20	20	12	10

PROBABILITY OF PASSING A DC 5 “VERY EASY” CHALLENGE, NORMAL ROLL

Level	Proficient in Skill				Not Proficient in Skill			
	Primary	Secondary	Tertiary	Other	Primary	Secondary	Tertiary	Other
1st	100.00%	100.00%	95.00%	90.00%	95.00%	90.00%	85.00%	80.00%
4th	100.00%	100.00%	95.00%	90.00%	100.00%	90.00%	85.00%	80.00%
8th	100.00%	100.00%	100.00%	95.00%	100.00%	90.00%	85.00%	80.00%
12th	100.00%	100.00%	100.00%	100.00%	100.00%	95.00%	85.00%	80.00%
16th	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	85.00%	80.00%
19th	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	85.00%	80.00%

PROBABILITY OF PASSING A DC 5 “VERY EASY” CHALLENGE, WITH ADVANTAGE

Level	Proficient in Skill				Not Proficient in Skill			
	Primary	Secondary	Tertiary	Other	Primary	Secondary	Tertiary	Other
1st	100.00%	100.00%	99.75%	99.00%	99.75%	99.00%	97.75%	96.00%
4th	100.00%	100.00%	99.75%	99.00%	100.00%	99.00%	97.75%	96.00%
8th	100.00%	100.00%	100.00%	99.75%	100.00%	99.00%	97.75%	96.00%
12th	100.00%	100.00%	100.00%	100.00%	100.00%	99.75%	97.75%	96.00%
16th	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	97.75%	96.00%
19th	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	97.75%	96.00%

PROBABILITY OF PASSING A DC 5 “VERY EASY” CHALLENGE, WITH DISADVANTAGE

Level	Proficient in Skill				Not Proficient in Skill			
	Primary	Secondary	Tertiary	Other	Primary	Secondary	Tertiary	Other
1st	100.00%	100.00%	90.25%	81.00%	90.25%	81.00%	72.75%	64.00%
4th	100.00%	100.00%	90.25%	81.00%	100.00%	81.00%	72.75%	64.00%
8th	100.00%	100.00%	100.00%	90.25%	100.00%	81.00%	72.75%	64.00%
12th	100.00%	100.00%	100.00%	100.00%	100.00%	90.25%	72.75%	64.00%
16th	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	72.75%	64.00%
19th	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	72.75%	64.00%

DIFFICULTY CLASS 10 – “EASY”

ABILITY SCORE INCREASE ASSUMPTIONS BY LEVEL

Level	Proficiency	Ability Score			
		Primary	Secondary	Tertiary	Other
1st	+2	16	14	12	10
4th	+2	18	14	12	10
8th	+3	20	14	12	10
12th	+4	20	16	12	10
16th	+5	20	18	12	10
19th	+6	20	20	12	10

PROBABILITY OF PASSING A DC 10 “EASY” CHALLENGE, NORMAL ROLL

Level	Proficient in Skill				Not Proficient in Skill			
	Primary	Secondary	Tertiary	Other	Primary	Secondary	Tertiary	Other
1st	80.00%	75.00%	70.00%	65.00%	70.00%	65.00%	60.00%	55.00%
4th	85.00%	80.00%	70.00%	65.00%	75.00%	65.00%	60.00%	55.00%
8th	95.00%	85.00%	75.00%	70.00%	80.00%	65.00%	60.00%	55.00%
12th	100.00%	95.00%	80.00%	75.00%	80.00%	70.00%	60.00%	55.00%
16th	100.00%	100.00%	85.00%	80.00%	80.00%	75.00%	60.00%	55.00%
19th	100.00%	100.00%	90.00%	85.00%	80.00%	80.00%	60.00%	55.00%

PROBABILITY OF PASSING A DC 10 “EASY” CHALLENGE, WITH ADVANTAGE

Level	Proficient in Skill				Not Proficient in Skill			
	Primary	Secondary	Tertiary	Other	Primary	Secondary	Tertiary	Other
1st	96.00%	93.75%	91.00%	87.75%	91.00%	87.75%	84.00%	79.75%
4th	97.75%	96.00%	91.75%	87.75%	93.75%	87.75%	84.00%	79.75%
8th	99.75%	97.75%	93.75%	91.00%	96.00%	87.75%	84.00%	79.75%
12th	100.00%	99.75%	96.00%	93.75%	96.00%	91.00%	84.00%	79.75%
16th	100.00%	100.00%	97.75%	96.00%	96.00%	93.75%	84.00%	79.75%
19th	100.00%	100.00%	99.00%	97.75%	96.00%	96.00%	84.00%	79.75%

PROBABILITY OF PASSING A DC 10 “EASY” CHALLENGE, WITH DISADVANTAGE

Level	Proficient in Skill				Not Proficient in Skill			
	Primary	Secondary	Tertiary	Other	Primary	Secondary	Tertiary	Other
1st	64.00%	56.25%	49.00%	42.25%	49.00%	42.25%	36.00%	30.25%
4th	72.25%	64.00%	49.00%	42.25%	56.25%	42.25%	36.00%	30.25%
8th	90.25%	72.25%	56.25%	49.00%	64.00%	42.25%	36.00%	30.25%
12th	100.00%	90.25%	64.00%	56.25%	64.00%	49.00%	36.00%	30.25%
16th	100.00%	100.00%	72.25%	64.00%	64.00%	56.25%	36.00%	30.25%
19th	100.00%	100.00%	81.00%	72.25%	64.00%	64.00%	36.00%	30.25%

DIFFICULTY CLASS 15 – “MODERATE”

ABILITY SCORE INCREASE ASSUMPTIONS BY LEVEL

Level	Proficiency	Ability Score			
		Primary	Secondary	Tertiary	Other
1st	+2	16	14	12	10
4th	+2	18	14	12	10
8th	+3	20	14	12	10
12th	+4	20	16	12	10
16th	+5	20	18	12	10
19th	+6	20	20	12	10

PROBABILITY OF PASSING A DC 15 “MODERATE” CHALLENGE, NORMAL ROLL

Level	Proficient in Skill				Not Proficient in Skill			
	Primary	Secondary	Tertiary	Other	Primary	Secondary	Tertiary	Other
1st	55.00%	50.00%	45.00%	40.00%	45.00%	40.00%	35.00%	30.00%
4th	60.00%	50.00%	45.00%	40.00%	50.00%	40.00%	35.00%	30.00%
8th	70.00%	55.00%	50.00%	45.00%	55.00%	40.00%	35.00%	30.00%
12th	75.00%	65.00%	55.00%	50.00%	55.00%	45.00%	35.00%	30.00%
16th	80.00%	75.00%	60.00%	55.00%	55.00%	50.00%	35.00%	30.00%
19th	85.00%	85.00%	65.00%	60.00%	55.00%	55.00%	35.00%	30.00%

PROBABILITY OF PASSING A DC 15 “MODERATE” CHALLENGE, WITH ADVANTAGE

Level	Proficient in Skill				Not Proficient in Skill			
	Primary	Secondary	Tertiary	Other	Primary	Secondary	Tertiary	Other
1st	79.75%	75.00%	69.75%	64.00%	69.75%	64.00%	57.75%	51.00%
4th	84.00%	75.00%	69.75%	64.00%	75.00%	64.00%	57.75%	51.00%
8th	91.00%	79.75%	75.00%	69.75%	79.75%	64.00%	57.75%	51.00%
12th	93.75%	87.75%	79.75%	75.00%	79.75%	69.75%	57.75%	51.00%
16th	96.00%	93.75%	84.00%	79.75%	79.75%	75.00%	57.75%	51.00%
19th	97.75%	97.75%	87.75%	84.00%	79.75%	79.75%	57.75%	51.00%

PROBABILITY OF PASSING A DC 15 “MODERATE” CHALLENGE, WITH DISADVANTAGE

Level	Proficient in Skill				Not Proficient in Skill			
	Primary	Secondary	Tertiary	Other	Primary	Secondary	Tertiary	Other
1st	30.25%	25.00%	20.25%	16.00%	20.25%	16.00%	12.25%	9.00%
4th	36.00%	25.00%	20.25%	16.00%	25.00%	16.00%	12.25%	9.00%
8th	49.00%	30.25%	25.00%	20.25%	30.25%	16.00%	12.25%	9.00%
12th	56.25%	42.25%	30.25%	25.00%	30.25%	20.25%	12.25%	9.00%
16th	64.00%	56.25%	36.00%	30.25%	30.25%	25.00%	12.25%	9.00%
19th	72.25%	72.25%	42.25%	36.00%	30.25%	30.25%	12.25%	9.00%

DIFFICULTY CLASS 20 – “HARD”

ABILITY SCORE INCREASE ASSUMPTIONS BY LEVEL

Level	Proficiency	Ability Score			
		Primary	Secondary	Tertiary	Other
1st	+2	16	14	12	10
4th	+2	18	14	12	10
8th	+3	20	14	12	10
12th	+4	20	16	12	10
16th	+5	20	18	12	10
19th	+6	20	20	12	10

PROBABILITY OF PASSING A DC 20 “HARD” CHALLENGE, NORMAL ROLL

Level	Proficient in Skill				Not Proficient in Skill			
	Primary	Secondary	Tertiary	Other	Primary	Secondary	Tertiary	Other
1st	30.00%	25.00%	20.00%	15.00%	20.00%	15.00%	10.00%	5.00%
4th	35.00%	25.00%	20.00%	15.00%	25.00%	15.00%	10.00%	5.00%
8th	45.00%	30.00%	25.00%	20.00%	30.00%	15.00%	10.00%	5.00%
12th	50.00%	40.00%	30.00%	25.00%	30.00%	20.00%	10.00%	5.00%
16th	55.00%	50.00%	35.00%	30.00%	30.00%	25.00%	10.00%	5.00%
19th	60.00%	60.00%	40.00%	35.00%	30.00%	30.00%	10.00%	5.00%

PROBABILITY OF PASSING A DC 20 “HARD” CHALLENGE, WITH ADVANTAGE

Level	Proficient in Skill				Not Proficient in Skill			
	Primary	Secondary	Tertiary	Other	Primary	Secondary	Tertiary	Other
1st	51.00%	43.75%	36.00%	27.75%	36.00%	27.75%	19.00%	9.75%
4th	57.75%	43.75%	36.00%	27.75%	43.75%	27.75%	19.00%	9.75%
8th	69.75%	51.00%	43.75%	36.00%	51.00%	27.75%	19.00%	9.75%
12th	75.00%	64.00%	51.00%	43.75%	51.00%	36.00%	19.00%	9.75%
16th	79.75%	75.00%	57.75%	51.00%	51.00%	43.75%	19.00%	9.75%
19th	84.00%	84.00%	64.00%	57.75%	51.00%	51.00%	19.00%	9.75%

PROBABILITY OF PASSING A DC 20 “HARD” CHALLENGE, WITH DISADVANTAGE

Level	Proficient in Skill				Not Proficient in Skill			
	Primary	Secondary	Tertiary	Other	Primary	Secondary	Tertiary	Other
1st	9.00%	6.25%	4.00%	2.25%	4.00%	2.25%	1.00%	0.25%
4th	12.25%	6.25%	4.00%	2.25%	6.25%	2.25%	1.00%	0.25%
8th	20.25%	9.00%	6.25%	4.00%	9.00%	2.25%	1.00%	0.25%
12th	25.00%	16.00%	9.00%	6.25%	9.00%	4.00%	1.00%	0.25%
16th	30.25%	25.00%	12.25%	9.00%	9.00%	6.25%	1.00%	0.25%
19th	36.00%	36.00%	16.00%	12.25%	9.00%	9.00%	1.00%	0.25%

DIFFICULTY CLASS 25 – “VERY HARD”

ABILITY SCORE INCREASE ASSUMPTIONS BY LEVEL

Level	Proficiency	Ability Score			
		Primary	Secondary	Tertiary	Other
1st	+2	16	14	12	10
4th	+2	18	14	12	10
8th	+3	20	14	12	10
12th	+4	20	16	12	10
16th	+5	20	18	12	10
19th	+6	20	20	12	10

PROBABILITY OF PASSING A DC 25 “VERY HARD” CHALLENGE, NORMAL ROLL

Level	Proficient in Skill				Not Proficient in Skill			
	Primary	Secondary	Tertiary	Other	Primary	Secondary	Tertiary	Other
1st	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
4th	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
8th	20.00%	5.00%	0.00%	0.00%	5.00%	0.00%	0.00%	0.00%
12th	25.00%	15.00%	5.00%	0.00%	5.00%	0.00%	0.00%	0.00%
16th	30.00%	25.00%	10.00%	5.00%	5.00%	0.00%	0.00%	0.00%
19th	35.00%	35.00%	15.00%	10.00%	5.00%	5.00%	0.00%	0.00%

PROBABILITY OF PASSING A DC 25 “VERY HARD” CHALLENGE, WITH ADVANTAGE

Level	Proficient in Skill				Not Proficient in Skill			
	Primary	Secondary	Tertiary	Other	Primary	Secondary	Tertiary	Other
1st	9.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
4th	19.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
8th	36.00%	9.75%	0.00%	0.00%	9.75%	0.00%	0.00%	0.00%
12th	43.75%	27.75%	9.75%	0.00%	9.75%	0.00%	0.00%	0.00%
16th	51.00%	43.75%	19.00%	9.75%	9.75%	0.00%	0.00%	0.00%
19th	57.75%	57.75%	27.75%	19.00%	9.75%	9.75%	0.00%	0.00%

PROBABILITY OF PASSING A DC 25 “VERY HARD” CHALLENGE, WITH DISADVANTAGE

Level	Proficient in Skill				Not Proficient in Skill			
	Primary	Secondary	Tertiary	Other	Primary	Secondary	Tertiary	Other
1st	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
4th	1.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
8th	4.00%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12th	6.25%	2.25%	0.25%	0.00%	0.25%	0.00%	0.00%	0.00%
16th	9.00%	6.25%	1.00%	0.25%	0.25%	0.00%	0.00%	0.00%
19th	12.25%	12.25%	2.25%	1.00%	0.25%	0.25%	0.00%	0.00%

PROBABILITIES BY MODIFIER

PROBABILITIES BY MODIFIER, NORMAL ROLL

Modifier	Difficulty Class					
	5	10	15	20	25	30
-5	55.00%	30.00%	5.00%	0.00%	0.00%	0.00%
-4	60.00%	35.00%	10.00%	0.00%	0.00%	0.00%
-3	65.00%	40.00%	15.00%	0.00%	0.00%	0.00%
-2	70.00%	45.00%	20.00%	0.00%	0.00%	0.00%
-1	75.00%	50.00%	25.00%	0.00%	0.00%	0.00%
0	80.00%	55.00%	30.00%	5.00%	0.00%	0.00%
+1	85.00%	60.00%	35.00%	10.00%	0.00%	0.00%
+2	90.00%	65.00%	40.00%	15.00%	0.00%	0.00%
+3	95.00%	70.00%	45.00%	20.00%	0.00%	0.00%
+4	100.00%	75.00%	50.00%	25.00%	0.00%	0.00%
+5	100.00%	80.00%	55.00%	30.00%	5.00%	0.00%
+6	100.00%	85.00%	60.00%	35.00%	10.00%	0.00%
+7	100.00%	90.00%	65.00%	40.00%	15.00%	0.00%
+8	100.00%	95.00%	70.00%	45.00%	20.00%	0.00%
+9	100.00%	100.00%	75.00%	50.00%	25.00%	0.00%
+10	100.00%	100.00%	80.00%	55.00%	30.00%	5.00%
+11	100.00%	100.00%	85.00%	60.00%	35.00%	10.00%
+12	100.00%	100.00%	90.00%	65.00%	40.00%	15.00%
+13	100.00%	100.00%	95.00%	70.00%	45.00%	20.00%
+14	100.00%	100.00%	100.00%	75.00%	50.00%	25.00%
+15	100.00%	100.00%	100.00%	80.00%	55.00%	30.00%
+16	100.00%	100.00%	100.00%	85.00%	60.00%	35.00%
+17	100.00%	100.00%	100.00%	90.00%	65.00%	40.00%
+18	100.00%	100.00%	100.00%	95.00%	70.00%	45.00%
+19	100.00%	100.00%	100.00%	100.00%	75.00%	50.00%
+20	100.00%	100.00%	100.00%	100.00%	80.00%	55.00%
+21	100.00%	100.00%	100.00%	100.00%	85.00%	60.00%
+22	100.00%	100.00%	100.00%	100.00%	90.00%	65.00%

PROBABILITIES BY MODIFIER, WITH ADVANTAGE

Difficulty Class

Modifier	5	10	15	20	25	30
-5	79.75%	51.00%	9.75%	0.00%	0.00%	0.00%
-4	84.00%	57.75%	19.00%	0.00%	0.00%	0.00%
-3	87.75%	64.00%	27.75%	0.00%	0.00%	0.00%
-2	91.00%	69.75%	36.00%	0.00%	0.00%	0.00%
-1	93.75%	75.00%	43.75%	0.00%	0.00%	0.00%
0	96.00%	79.75%	51.00%	9.75%	0.00%	0.00%
+1	97.75%	84.00%	57.75%	19.00%	0.00%	0.00%
+2	99.00%	87.75%	64.00%	27.75%	0.00%	0.00%
+3	99.75%	91.00%	69.75%	36.00%	0.00%	0.00%
+4	100.00%	93.75%	75.00%	43.75%	0.00%	0.00%
+5	100.00%	96.00%	79.75%	51.00%	9.75%	0.00%
+6	100.00%	97.75%	84.00%	57.75%	19.00%	0.00%
+7	100.00%	99.00%	87.75%	64.00%	27.75%	0.00%
+8	100.00%	99.75%	91.00%	69.75%	36.00%	0.00%
+9	100.00%	100.00%	93.75%	75.00%	43.75%	0.00%
+10	100.00%	100.00%	96.00%	79.75%	51.00%	9.75%
+11	100.00%	100.00%	97.75%	84.00%	57.75%	19.00%
+12	100.00%	100.00%	99.00%	87.75%	64.00%	27.75%
+13	100.00%	100.00%	99.75%	91.00%	69.75%	36.00%
+14	100.00%	100.00%	100.00%	93.75%	75.00%	43.75%
+15	100.00%	100.00%	100.00%	96.00%	79.75%	51.00%
+16	100.00%	100.00%	100.00%	97.75%	84.00%	57.75%
+17	100.00%	100.00%	100.00%	99.00%	87.75%	64.00%
+18	100.00%	100.00%	100.00%	99.75%	91.00%	69.75%
+19	100.00%	100.00%	100.00%	100.00%	93.75%	75.00%
+20	100.00%	100.00%	100.00%	100.00%	96.00%	79.75%
+21	100.00%	100.00%	100.00%	100.00%	97.75%	84.00%
+22	100.00%	100.00%	100.00%	100.00%	99.00%	87.75%

PROBABILITIES BY MODIFIER, WITH DISADVANTAGE

Difficulty Class

Modifier	5	10	15	20	25	30
-5	30.25%	9.00%	0.25%	0.00%	0.00%	0.00%
-4	36.00%	12.25%	1.00%	0.00%	0.00%	0.00%
-3	42.25%	16.00%	2.25%	0.00%	0.00%	0.00%
-2	49.00%	20.25%	6.25%	0.00%	0.00%	0.00%
-1	56.25%	25.00%	9.00%	0.00%	0.00%	0.00%
0	64.00%	30.25%	12.25%	0.25%	0.00%	0.00%
+1	72.25%	36.00%	16.00%	1.00%	0.00%	0.00%
+2	81.00%	42.25%	20.25%	2.25%	0.00%	0.00%
+3	90.25%	49.00%	25.00%	6.25%	0.00%	0.00%
+4	100.00%	56.25%	30.25%	9.00%	0.00%	0.00%
+5	100.00%	64.00%	36.00%	12.25%	0.25%	0.00%
+6	100.00%	72.25%	42.25%	16.00%	1.00%	0.00%
+7	100.00%	81.00%	49.00%	20.25%	2.25%	0.00%
+8	100.00%	90.25%	56.25%	25.00%	6.25%	0.00%
+9	100.00%	100.00%	64.00%	30.25%	9.00%	0.00%
+10	100.00%	100.00%	72.25%	36.00%	12.25%	0.25%
+11	100.00%	100.00%	81.00%	42.25%	16.00%	1.00%
+12	100.00%	100.00%	90.25%	49.00%	20.25%	2.25%
+13	100.00%	100.00%	100.00%	56.25%	25.00%	6.25%
+14	100.00%	100.00%	100.00%	64.00%	30.25%	9.00%
+15	100.00%	100.00%	100.00%	72.25%	36.00%	12.25%
+16	100.00%	100.00%	100.00%	81.00%	42.25%	16.00%
+17	100.00%	100.00%	100.00%	90.25%	49.00%	20.25%
+18	100.00%	100.00%	100.00%	100.00%	56.25%	25.00%
+19	100.00%	100.00%	100.00%	100.00%	64.00%	30.25%
+20	100.00%	100.00%	100.00%	100.00%	72.25%	36.00%
+21	100.00%	100.00%	100.00%	100.00%	81.00%	42.25%
+22	100.00%	100.00%	100.00%	100.00%	90.25%	49.00%