

Probability Charts for Common Dice

Name: _____ Date: _____

Use the charts below to understand the probability of rolling each number on different dice. These charts are great for classroom use, game design projects, or probability experiments.

D4 Probability Chart

Face	Probability	Fraction
1	0.250	1/4
2	0.250	1/4
3	0.250	1/4
4	0.250	1/4

D6 Probability Chart

Face	Probability	Fraction
1	0.167	1/6
2	0.167	1/6
3	0.167	1/6
4	0.167	1/6
5	0.167	1/6
6	0.167	1/6

D8 Probability Chart

Face	Probability	Fraction
1	0.125	1/8

2	0.125	1/8
3	0.125	1/8
4	0.125	1/8
5	0.125	1/8
6	0.125	1/8
7	0.125	1/8
8	0.125	1/8

D10 Probability Chart

Face	Probability	Fraction
1	0.100	1/10
2	0.100	1/10
3	0.100	1/10
4	0.100	1/10
5	0.100	1/10
6	0.100	1/10
7	0.100	1/10
8	0.100	1/10
9	0.100	1/10
10	0.100	1/10

D12 Probability Chart

Face	Probability	Fraction
1	0.083	1/12
2	0.083	1/12
3	0.083	1/12

4	0.083	1/12
5	0.083	1/12
6	0.083	1/12
7	0.083	1/12
8	0.083	1/12
9	0.083	1/12
10	0.083	1/12
11	0.083	1/12
12	0.083	1/12

D20 Probability Chart

Face	Probability	Fraction
1	0.050	1/20
2	0.050	1/20
3	0.050	1/20
4	0.050	1/20
5	0.050	1/20
6	0.050	1/20
7	0.050	1/20
8	0.050	1/20
9	0.050	1/20
10	0.050	1/20
11	0.050	1/20
12	0.050	1/20
13	0.050	1/20
14	0.050	1/20

15	0.050	1/20
16	0.050	1/20
17	0.050	1/20
18	0.050	1/20
19	0.050	1/20
20	0.050	1/20

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