

Coin, Dice and Probability Tally Sheet

Run each experiment with the random number generator or real dice and coins, then compare

Experiment 1: flip a coin 50 times

Result	Tally	Total	Expected
Heads			about 25
Tails			about 25

Experiment 2: roll one die 60 times

Face	Tally	Total	Expected
1			about 10
2			about 10
3			about 10
4			about 10
5			about 10
6			about 10

Experiment 3: roll two dice 36 times and add

Total	Ways	Chance	Percent	Tally	Count
2	1	1/36	2.8%		
3	2	2/36	5.6%		
4	3	3/36	8.3%		
5	4	4/36	11.1%		
6	5	5/36	13.9%		
7	6	6/36	16.7%		
8	5	5/36	13.9%		
9	4	4/36	11.1%		
10	3	3/36	8.3%		
11	2	2/36	5.6%		
12	1	1/36	2.8%		