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5.01 Worksheet

Frequency of Heads vs. Tails Simulated with a Fair Coin (50:50)

	10x	100x	1000x	10000x
Heads	2	52	485	
Tails	8	48	515	4969
Heads	3	55	477	4990
Tails	7	45	523	5010
Heads	5	52	509	5010
Tails	5	48	491	4990
Heads	5	53	483	4999
Tails	5	47	517	5001
Heads	6	45	511	4971
Tails	4	55	489	5029
Avg. Heads	4.2	51.4	493	5000.2
Avg. Tails	5.8	48.6	507	4999.8

Frequency of Heads vs. Tails Simulated with a Biased Coin (?:?)

	10x	100x	1000x	10000x
Heads	2	30	280	2946
Tails	8	70	720	7054
Heads	4	25	290	2977
Tails	6	75	710	7023
Heads	4	29	273	2998
Tails	6	71	727	7002
Heads	4	22	301	3039
Tails	6	78	699	6961
Heads	1	29	307	2988
Tails	9	71	693	7012
Avg. Heads	3.4	27	290.2	2989.6
Avg. Tails	6.6	73	709.8	7010.4