

Probability Games

Game 1 – The Coin Game

Play against someone. Choose a side of one coin – heads or tails. Throw the coin 20 times. Record the scores in the table below.

Heads	Tails

Was the game fair? Why? _____

What is the probability of throwing heads? _____

What is the probability of throwing tails? _____

Game 2 – The Two Coin Game

Play against 2 people. Choose 1 option each: both heads, both tails, one of each. Throw both coins together 20 times and record your results on the table below.

2 heads	2 tails	1 head 1 tail

Was the game fair? Why? _____

What is the probability of throwing 2 heads? _____

What is the probability of throwing 2 tails? _____

What is the probability of throwing 1 of each? _____