

Name _____ Per ____ Date _____

Fair or Unfair?

Objective: To determine if the rules of the game are fair or unfair and why or why not.

Rules:

A group of three students tosses two pennies.

Student A earns 1 point if two heads come up.

Student B earns 1 point if two tails come up.

Student C earns 1 point if one head and one tail come up.

The coin will be tossed 20 times.

Record your results in the table below.

Play the game twice.

Game 1 Table:

	Student A (two heads)	Student B (two tails)	Student C (one head, one tail)
Number of Points			

Game 2 Table:

	Student A (two heads)	Student B (two tails)	Student C (one head, one tail)
Number of Points			

Analysis:

Who won Game 1? _____

Who won Game 2? _____

Is this a fair or unfair game? Defend your answer using results from your own games and those of other groups in the class.
