

Name _____ Group _____



CARNIVAL CREATIONS

Congratulations! You have just been hired by a carnival as their newest game designer. Your first job is to create two new carnival games!

GAME 1

In this game, you must be randomly picking something (marbles, toy animals, ducks with numbers on them, etc.). The probability of winning must be between 20% and 23%.

Name of Game:

How to Play:

How to Win:

Probability of Winning:

GAME 2

In this game, the players are throwing darts at a dart board. You must design a dart board where the probability of hitting the target is between 0.15 and 0.3.

Name of Game:

How to Play: Throw a dart at the dartboard.

How to Win:

Draw the dartboard (include all measurements):

Probability of Winning (show all calculations):