

# TWO-STAGE PROBABILITY GAME HORSE RACE

## INSTRUCTIONS

The following race is conducted by throwing 2 dice and placing the horse images in the squares as the race is run.

Every time a number is rolled, move the 'horse' marker beside that horse's name one place.

The winning horse is the first to get to the 8<sup>th</sup> place.

Q1. Which horse (number) is most likely to win?

Q2. Which horse cannot win? Why?

Q3. What are the theoretical probabilities for each horse?



Number	Horse	Start								Finish
1	Americain									
2	Big Beauty									
3	Carla's Care									
4	Dead Heat									
5	Energized									
6	Fancy Filly									
7	Gravitas									
8	High Tea									
9	Italiano									
10	Jesse Girl									
11	Kampucha									
12	Legless									

