

Chance of Winning Best in Show at the 2019 AKC National Championship

Student Names:

(*Note: This is ONLY a practice exercise to learn about dogs, dog shows, and to practice probability. It does not give an accurate representation of the actual winner.)

Directions: Fill in the table below with the required information based on the AKC National Championship Best in Show Winners from 2001-2018. Reference the AKC Articles and the AKC Breeds website at <https://www.akc.org/dog-breeds/> to determine what group each of the breed winners belongs to. Use a calculator if necessary to determine percentages. Answer the reflection questions when finished.

Group Name	Breed/Year Won Best in Show	Total Number (All Groups should add up to 18)	Fraction (Total Number/Number of Groups)	Percentage
Terrier			/7	
Toy			0/7	0%
Working			/7	
Hound			/7	
Herding			/7	
Non-Sporting	Bichon Frise- 2001	1	1/7	
Sporting			/7	

Reflection Questions:

1. What group has a more probable chance of winning Best in Show? Why?
2. What group has a less probable chance of winning Best in Show? Why?
3. What group has close to a 50% chance of winning Best in Show? How do you know?
4. Which two groups have the same chance of winning Best in Show?