Skunk vs. Bonkers

Compare the game of Skunk to the game of Bonkers by filling out the chart below:

	Skunk	Bonkers
The goal of the game.		
How you lose.		
Number of players.		
Play as a group or as individuals?		
Number of die used.		
Best roll to get.		
Worst roll to get.		
Number of possible outcomes per roll.		
Number of ways to LOSE (how many possible outcomes are there for 2 dice? How many will result in a "lose"?).		
Number of ways to WIN (how many possible outcomes are there for 2 dice? How many will result in a "win"?).		
What happens if you roll a duplicate (ex: you roll a 3 and 6 for a total of 9, then you roll that exact same thing again the next roll).		
What happens if you roll doubles?		
Does the outcome depend on what happens in the first roll?		

Compare and contrast the two games using the Venn Diagram Below. **You need at least 3 points per portion!**
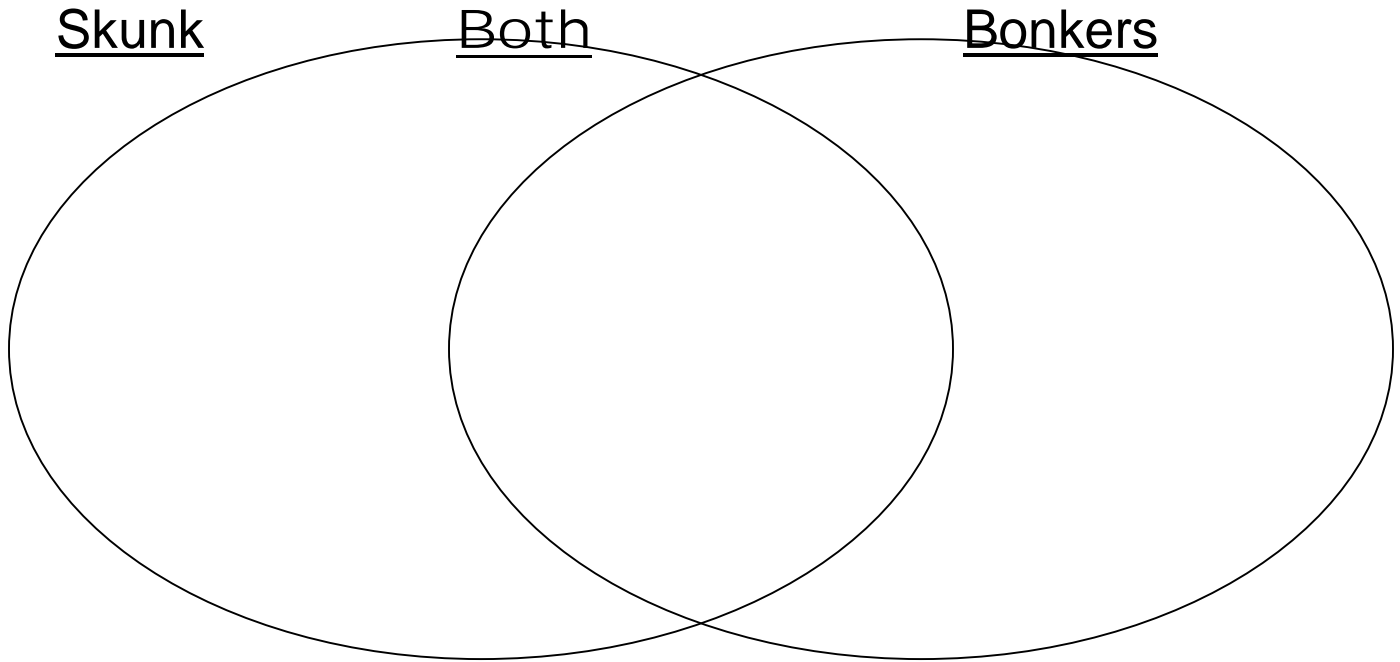
<u>Skunk</u>   <u>Both</u>   <u>Bonkers</u>

1. Explain why you can create a strategy to help you win Skunk, but not to help you win Bonkers: _____

_____

_____

2. Which game has more Losing combinations, Skunk or Bonkers: _____

Why: _____

_____

3. In both games you roll two dice. In Skunk, the two dice are Independent of each other, yet in Bonkers, they are Dependent. Explain why:

In **Skunk**, the two dice are **Independent** of each other because: _____

_____

In **Bonkers**, the two dice are **Dependent** of each other because: _____

_____