

Lesson 2
Leads and Discards, 4-Person PBJ
 (Student pages)

True or False?

T	F	There are 52 cards in the deck.
T	F	The Ace is the highest ranking card in a suit.
T	F	The red suits are known as hearts and clubs.
T	F	A player may ask that the cards be reshuffled and redealt if missing a suit.
T	F	Once the opening lead is made, you must wait for the person on your right to play first.
T	F	When you do not have any more cards in the suit led, you may either borrow one from another player or pick up one that you've already played.
T	F	Only the player who took the most recent trick is allowed to lead to the following trick.
T	F	There are 3 cards higher than a Jack.
T	F	Once a trick is over, each player places his own card face down pointing in the direction of the person who won the trick.
T	F	Each player must begin each game with 13 cards.





PBJ work sheet

Example Only	Player Name	Tricks Won	Cards which won tricks
Dealer	Andy	4	♥A, ♠K, ♥J, ♥2
Opening lead	Becky	3	♦K, ♣Q, ♣J
	Cathy	2	♥K, ♠A
	Don	4	♦A, ♣A, ♠J, ♠4

Game 1	Player Name	Tricks Won	Cards which won tricks
Dealer			
Opening lead			

Game 2	Player Name	Tricks Won	Cards which won tricks
Dealer			
Opening lead			

Game 3	Player Name	Tricks Won	Cards which won tricks
Dealer			
Opening lead			

Game 4	Player Name	Tricks Won	Cards which won tricks
Opening lead			
Dealer			

How many tricks did you win on average playing 4-person PBJ compared to when you played 2-person PBJ? Compare your experience to the other players at your table.

What kinds of cards won the most tricks? What else helped you win tricks or prevented you from winning more tricks?

You Can Predict How Often Certain Cards Will Appear Without Being a Magician!

How many cards are in the deck?

How many of the cards are red?

Can you express the relationship of red cards to total cards as a fraction? As a percentage?

Would this be the same for black cards?

What would it be for spades?

For the other suits?



The percentages you calculated can be used to estimate or predict how likely are future events to occur. Referring to the above statements, name some events that occur 50% of the time. Can you think of others?

Let's test our theory. Draw 13 cards at random from the deck and tabulate how many of them are red, black, spades, hearts, etc. in the table below. Put the results on the row called Test 1. Then put the cards back into the deck, shuffle, and draw 13 new cards. Repeat this until you have done 4 tests.

	Red	Black	Spades	Hearts	Diamonds	Clubs
Test 1						
Test 2						
Test 3						
Test 4						
Total						
%						

How do the percentages on the final row compare to what you expected? How do they compare to other students' results? Why are there any differences?

How many of the cards are Aces? Can you find a percentage for Aces? What would it be for other ranks?

Were girls dealt more Aces and Kings than boys? Why or why not?