1.		probability that it is red or b	e marbles, and 75 blue marbles. If a marble is randomly selected from the box, blue? Express your answer as a fraction or a decimal number rounded to four			
	Answer:	0.9348				
2.	You are going to play mini golf. A ball machine that contains 19 green golf balls, 20 red golf balls, 24 blue golf balls, and 17 yellow golf balls, randomly gives you your ball. What is the probability that you end up with a red golf ball? Express your answer as a simplified fraction or a decimal rounded to four decimal places.					
	Answer:	0.2500				
3.	A pizza delivery company classifies its customers by gender and location of residence. The research department has gathered data from a random sample of 1399 customers. The data is summarized in the table below.					
			Gender and Residence of Customers			
			Males Females			
			Apartment 81 228 Dorm 116 79			
			With Parent(s) 215 252			
			Sorority/Fraternity House 130 97			
			Other 129 72			
	What is the probability that a customer is not male or does not live with parents? Write your answer as a fraction or a decimal number rounded to four decimal places.					
	Answer:	1184				
		1399				
4.	Determine if the following events are independent.					
	Going to the gym. Losing weight.					
	Answer:	A) Dependent	B) Independent			
5.	A veggie wrap at City Subs is composed of 3 different vegetables and 3 different condiments wrapped up in a tortilla. If there are 8 vegetables, 7 condiments, and 3 types of tortilla available, how many different veggie wraps can be made?					
	Answer:	5880				
6.	Determine i	Determine if the following events are independent.				
	Jeff runs out	a. Liz watches the evening news.				
	Answer:	A) Dependent	B) Independent			

7.	The newly elected president needs to decide the remaining 8 spots available in the cabinet he/she is appointing. If there are 14 eligible candidates for these positions (where rank matters), how many different ways can the members of the cabinet be appointed?					
	Answer:		121080960			
8. A bag contains 9 red, 4 orange, and 9 green jellybeans. What is the probability of reaching into the bag and ra withdrawing 4 jellybeans such that the number of red ones is 0, the number of orange ones is 1, and the number ones is 3? Write your answer as a fraction or a decimal number rounded to four decimal places.						
	Answer:		0.0459			
9.	Evaluate th	ne follov	ving expression.			
				$\frac{11!}{7!}$		
	Answer:		7920			
10. Describe the complement of the given event.						
	67% of sub	oscribers	s to a fitness magaz	ine are over the age of 34.		
	Answer:	The	33	% of subscribers who are not over the age of 34.		
11.	. If you throw exactly three heads in four tosses of a coin you win \$97. If not, you pay me \$30. Step 1. Find the expected value of the proposition. Round your answer to two decimal places.					
	Answer:	\$	1.75			
	Step 2. If y negative.)	you play	ed this game 559 ti	mes how much would you expect to win or lose? (Losses must be entered as		
	Answer:	\$	978.25			
12.	 Flip a coin 9 times. If you get 4 tails or less, I will pay you \$23. Otherwise you pay me \$26. Step 1. Find the expected value of the proposition. Round your answer to two decimal places. 					
	Answer:	\$	-1.50			
	mes how much would you expect to win or lose? (Losses must be entered as					
	Answer:	\$	-1491.00			