Math 310 - Dr. Miller - Activity #17: Intuitive Probability

1.	. A paper bag contains 18 items: 4 green marbles, 8 green cubes, 2 blue marbles, and 4 yellow cubes. Suppose 1 object is taken from the bag. Describe the probability of each event below, using these probability words:			
	No chance	$Nearly\ impossible$	Unlikely	
	(roughly) Even chance	Likely	$Almost\ certain$	Guaranteed
Ι	Oo NOT calculate any pro	babilities as numbers, but	DO list favorable vs.	unfavorable COUNTS.
	(a) You get a blue marble.			
	(b) You get a marble.			
	(c) You get a green cube.			
	(d) You get a green object.			
	(e) You get an object that	's not yellow.		
	(f) You get a red cube.			
	(g) You get an object that	's green or yellow.		
2.	. Thinking about the paper be explain. Answers can vary!!!	-	nswer each question below	v. If not possible,
		could be added to the bag t	o have a roughly even cha	ance of getting an
	(b) How many yellow cubes green object?	s could be removed from the	bag to make it almost cert	ain that you get a
	(c) How many green object	s could be added to the bag	to make it impossible to g	et a blue object?