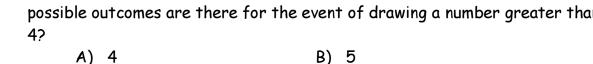
Name:			Date:	
Teacher:			Basic Algebra	
		Review for Proba	bility Quiz	
Topics:		, , , , , , , , , , , ,	, \	
ProbabilityProbabilityDep	rams utcomes (Co / of one eve / of Multiple endent & In	e Events		
Ovin Farmati				
Quiz Format: • 7				
1. The party	registration		Jonesville is show	n in the table below 1
		Jone		
		Party Registration	Number of Voters Registered	
		Democrat	6,000]
		Republican	5,300]
		Independent	3,700]
	_	ed Jonesville vote erson selected is <i>i</i>		random, what is the
A)	0.600	В	3) 0.333	
<i>C</i>)	0.667	D	0) 0.400	
•		utfits consisting o hats, three pairs	•	slacks, and a sweate ur sweaters?
A)	29	В	3) 12	
C)	24	٥) 9	

3.	types of s	syrup, and seven types of spr	rinkl yrup	fferent flavors of ice cream, three es. If an ice cream sundae consists of , and one type of sprinkles, how many ee?
	A)	336	B)	10,836
	C)	3	D)	26

4. Shelton places one tile for each letter of the alphabet in a bag. He mixes them up and selects one without looking. What is the probability that the tile contains one of the letters in the word PHONE?



5. A card is drawn at random form a set of cards numbered 1 to 10. How many possible outcomes are there for the event of drawing a number greater than 4?



6. What is the probability that a letter chosen at random from the word ALGEBRA will be a vowel?



- 7. A fair coin is thrown in the air four times. If the coin lands with the head up on the first three tosses, what is the probability that the coin will land with the head up on the fourth toss.
 - A) 0

B) $\frac{1}{8}$

C) $\frac{1}{2}$

- D) $\frac{1}{16}$
- 8. Four students conducted an experiment in which they spun a spinner as shown. They recorded the number of times the spinner landed on an even number. The results are shown in the table. Which student's results came closest to what would be expected?



Student	Number of Events	Number of Spins
Adani	8	10
Benjamin	14	30
Crete	7	20
David	29	50

9. Describe an event for which the probability is 1 and another which is 0.

10. A fair six-sided die is tossed.
a. What is the sample space?
 b. Consider the event of rolling a number less than or equal to 2. List the possible outcomes for this event.
$oldsymbol{c}$. Find the probability of rolling a number less than or equal to 2.