					R	asic Probability	Name:		
	a a a b	· ·							
Use each diagram to solve the problems. <u>Answers</u>									
\bigcirc	\diamond	\bigtriangledown	\bigtriangledown	\checkmark	1)	If you were to select 1 shape at random from the arr what shape do you have the greatest probability of selecting?	•		
\sim							ability of	1	
\sim	\bigcirc	\bigcirc	\bigcirc						
	\bigcirc				2)		(20)		
\bigcirc	\sim	\bigcirc	\bigcirc		<i>2</i>)	Which shape has a 0.35% chance (7 out of	20) of being	2	
\bigtriangleup	\bigcirc	\bigtriangleup	\bigcirc			selected?			
\sim	\checkmark	\sim	\checkmark					3.	
\bigtriangleup	\bigtriangleup	\bigcirc			3)	How many shapes are there total in the arr	eav?	5	
\sim	\sim	\sim	\bigcirc		0)	now many shapes are there total in the arr	ay:		
								4	
					4)	If you were to select 1 shape at random fro	om the array	5.	
						what is the probability it will be a circle?	···· ··· ··· ··· ··· ··· ··· · ·· · · ·· ·	5.	
								б	
•							•		
5)	TC		- /	7.					
5)	If you were to roll the dice one time, what is the probability of it landing on an even number?							/	
	landii	ng on	an e	ven numbe	er?				
			8						
6)	If you	1 Wor	e to r						
0)	•					time what is the probability it will land		9.	
	on a 3?							9	
7)	If you were to roll the dice one time what is the probability it will NOT							10	
	land on a 5?								
								11.	
								· · · · · · · · · · · · · · · · · · ·	
•							•		
					8)	If you spun the spinner 1 time, what is the	nrohability	12	
					0)		probability		
						it would land on a white piece?			
				$\langle \rangle$					
					9)	If you spun the spinner 1 time, what is the	e probability		
					-)	it would land on a gray piece?	probability		
						it would fund on a gray piece:			
\					10)	If you spun the spinner 1 time, what is the	e probability		
	\mathbf{X}					of landing on either a white piece or a bla			
							1		
					11)	If you spun the spinner 1 time, what is the	e probability		
						it would land on a black piece?			
					1.4	.			
					12)	How many pieces are there total in the spi	inner?		

Math

	E	Basic Probability Name: 4	Answer Key				
Use each diagram to solve th							
	_		<u>Answers</u>				
$\bullet \lor \lor \lor \lor$	1)	If you were to select 1 shape at random from the array	,				
\sim		what shape do you have the greatest probability of	1 circle				
\vee \bigcirc \bigcirc \bigcirc \bigcirc		selecting?					
		č					
$\bullet \lor \bullet \bullet$	2)	Which shape has a 0.35% chance (7 out of 20) of bein	g 2. heart				
· · · · ·		selected?					
$\diamond \lor \diamond \lor$							
• • • •			3. 20				
\diamond \diamond \heartsuit \blacksquare	3)	How many shapes are there total in the array?					
\sim \sim \sim	,		9 aret of 20				
			4. 8 out of 20				
	4)	If you were to select 1 shape at random from the array,	, 5 3 out of 6				
			, 5. 3 out of 6				
		what is the probability it will be a circle?					
			6. 1 out of 6				
•		-	6. 1 OUT OF 0				
•							
5) If you want to call the dia	If you were to roll the dice one time, what is the probability of it						
-		time, what is the probability of it	7. 5 out of 6				
landing on an even numb	er?						
			8. 2 out of 8				
6) If you were to roll the dic	ce one	time what is the probability it will land					
on a 3?			9. 3 out of 8				
7) If you were to roll the did	e one	time what is the probability it will NOT	10. 5 out of 8				
land on a 5?							
			11 3 out of 8				
			11. <u>3 out of 8</u>				
•		•					
			12. 8				
	8) If you spun the spinner 1 time, what is the probability it would land on a white piece?						
		it would faile of a white piece.					
	9)	If you spun the spinner 1 time, what is the probability					
	,						
		it would land on a gray piece?					
	10)						
	10)						
		of landing on either a white piece or a black piece?					
	11)	If you spun the spinner 1 time, what is the probability					
		it would land on a black piece?					
		to it out a fund of a black proof.					
	12)	How many pieces are there total in the spinner?					
	14)	now many pieces are more total in the spinner?					

Math