Name:							
	Probability Probability						
The marbles pictured below are grey, white, and black. They are placed in a bag and one is drawn at random.							
4							
٦.	Which color marble is least likely to be drawn from the bag?						
2.	What is the probability of drawing the black marble from the bag?						
3.	. What is the probability of drawing a gray marble?						
4.	What is the probability of the drawing a white marble?						
5.	What is the probability of drawing a marble that is not white?						
6.	Would you be more likely to draw a marble that is not black or a marble that is not gray? Explain your answer.						
7.	If three more black marbles were added to the bag, what would be the probability of drawing a black marble?						

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## The marbies -giciured below are white, and black 'They are piuced in a bag ané one is drawn ai madam. -

When is The probability of drawing the block murble from the bag?

When? is the probubilify of drawing 0 gray marble?

is the probczbiliiy of ihe drawing cs white marbie3

Who? is the gorobobility of cimwing cz marbie tho? is no'? white?

if 'three more biock marbies were added fo the bug, what would be the pmbcnbility of drawing 01 biack mc1rbEe\$

No	me:
	Probability
1.	What is the probability of the spinner landing on a 3?
2.	What is the probability of the spinner landing on a 1?
3.	What is the probability of the spinner landing on a 2?
4.	Are you more likely to spin an odd number or an even number? Explain.
5.	What is the probability of the spinner landing on red?  red blue
6.	What is the probability of the spinner landing on orange?
7.	What is the probability of the spinner landing on a primary color?
8.	Mike said, "You have a fifty-fifty chance of spinning red." Explain what he means.

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oiihe spinner landing on G 3?

2. What is The probability

ofihe spinner lcmding on G 18

3. Whai' is 'the probability

of the spinner landing on G 2'?

- 4. Are you more Eékeiy io spin cm odd number or an even number? Expioin.
- 5. Wheri is the probability of The

spinner handing on red?

6. What is ihs probobitfiy of fhe

spinner icmding on orange?

7. When' is She probabilify of ihe

spinner icmding on 0 pfimory color?

8. Mike said, "You have 0 chcanca of spinning red." Expicin who? he mécns.

The Prize Wh	neel & The Letter Cube
. If you spin the wheel, what is the probability that the arrow will point to "stuffed animal"?	STUFFED ANIMAL ANIMAL ANIMAL
the arrow will point to "no prize"?	SPIN SPIN SPIN SPIN SPIN SPIN SPIN SPIN
i. What is the probability that the arrow will point to "tree spin"?	SWALL SWALL
. What is the probability of rolling a vowel?	
. What is the probability of rolling a consonant?	This cube has the letters
What is the probability of rolling one of the first three letters of the alphabet?	A through F printed on it.
. What is the probability of rolling the letter B or D?	

## **EIFFE NEAL**

2. When' is ihe probczbiiiiy Thai

'ihe arrow Wili point To "no prize"?

4. Wheri is fhe probability of

roiiing ca vowei?

of ihe alphabet?

This cube has ihe lefiers - A ihrough F prinied an it

6. What is The probabilfiy of roiling one of We first three ieifers

No	Name:					
Probability						
-	Probability )					
1.	What is the probability of the spinner landing on C?					
2.	What is the probability of <b>not</b> spinning an C?					
	What is the probability of the spinner landing A or B?					
4	What is the probability of the spinner landing on one of the first five letters of the alphabet?					
	Are you more likely to spin a vowel or a consonant? Explain.					
5.	What is the probability of the spinner landing on Phill?					
6.	What is the probability of the spinner landing on Pam?  Bill Phil					
7.	What is the probability of the spinner landing on a name that ends with the letter m?					
8.	Jen says, "There are 4 boys names and 2 girls names on the spinner. It's more likely to land on a boy's name than a girl's name." Is Jen correct? Explain.					
ı						

nietokoleakitoudelikkiyleele<sub>ki</sub>etokoleki

- 2. Whai is the probabilfiy
- 3. What is fine probability
- 1. Whosi is {he probability

of fine spinner Eonyiing on C?

of spinning cm (.3?

of fine spinner landing A or B?

5. Who:: is the probability of the

spinner Ecxnding on PhEE3

6. is probexbitity of the spinner landing on Pam?

?. What is ihe probabifiiy <31' The -

spinner tanding an 0 name Thai ends with fhe fetter tn?

8. Jen says, "There are 4 boys names and 2 girls names on fine spinner. ifs more Eikely to land on G 1303/'S name Q girl's name." is Jen Explain.

If you roll a die, what are the chances of rolling a two?	answer:
If you roll a die, what is the probability that you will roll an even number?	answer:
A bag contains 3 red marbles, 3 blue marbles, and 1 green marble. If a marble is drawn from the bag at random, what is the probability that the marble will be blue?	answer:
A bag contains 6 number tiles. The numbers in the bag are 3, 7, 8, 9, 13, and 15. If you randomly draw one tile from the bag, what is the probability of picking an odd number?	answer:
Mr. Jones has a hot air balloon. Because the basket is so small, he can take one child for a ride with him, Mary, Carla, John, Lynda, Peter, and Janessa all want to go. They each write their name on a piece of paper and place them in a hat. Mr. Jones randomly selects one child to go with him.	
What is the probability that he will select a boy?	answer:
What is the probability that he will select a girl?	answer:
John and Jackie are rolling a die. John wins if he rolls a wins if the number rolled is 4 or less. Is this game fair? E	number higher than 4. Ja

- 1. If you roil cs die, who? aura iha chemces of roling Mo? answer:
- 2. If you roll <3 die, what is ihe probability Thu? you yvitl roll an even number? answer:
- 3. A bag confains 3 red marbies, 3. blue morbies, and E grew mm-ble, if <3 marble is drawn from fhe bag or? random, what is We probabifify that the mczrbie WEE? be btue? cmsm/er:
- 4, A bug contains 6 number fites. The numbers in the

bag are 3, 7, 8. 9, i3, and E5, if you rexndomly draw one file from the bag, who? is The probability of picking an odd-number? omswen

5. Mr. Jones has ca ho? czir bciioon. Because The baskei is so smait, he can fake one chiid for ca ride wiih him. Mary, Corie, John, Lynda, Peter, and Janesso all won? 'ro go. They ecach write their name-on (1 piece of paper and piece ihem in (1 hei. Mr. Jones randomiy seiecfs one chitci \$0 90 with him.

when is 'the proboficilify he will selecf (3 boy? answer:

Whdr is ?he probabilify fhazt he wii! select 0 answer:

6. John and Jackie are roiling <3 die, John wins if he mils 0: number higher Them 4. Jackie wins if the number rolled is 4 or iess, Is This game fair? Explain

Name:						
Probability: Letter Tiles						
righ With dro one dro the	letters tiles pictured to the at are placed in a bag. hout looking, Zachary ws them from the bag at a time. Each time he ws one, he writes down letter and places it back the bag.  A H T  W C A  E A  E A  E A  E A  E A  E A  E A	E A E				
1.	What is the probability that Zack will draw the letter T from the bag?					
2.	. What is the probability that Zack will draw the letter A from the bag?					
3.	What is the probability that Zack will draw a vowel from the bag?					
4.	Is Zack more likely to draw a vowel or a consonant from the bag?					
5.	What is the probability of Zack drawing one of the letters found in the word cat?					
6.	What is the probability of Zack drawing one of the letters found in the word seat?					
7.	What is the probability of Zack drawing one of the letters found in the word cheat?					
8.	What is the probability of Zack drawing a letter that is <b>not</b> found in the word sauce?	,				

Nome:

The ieffeirs files piciured To the rigid? we pieced in d bag. draws ihern from the bug draws one, he wriies down the letiér and places it back

in the bag.

- 1. Whal is the probubilily Ihai Zack will draw lhe lefier T from lhe bag?
- 2. Whezl is The pr'obal:ailily Zack will draw The lelfer A from lhe bag?
- 3. is the brobability that Zczck will draw 0 vowel from the bog?
- 4. is Zack more likely to draw 0 vows; er 0 consoncxnf from the bag?
- 5. What is ihe probczbiliiy of Zack drawing one of the letters found
- 6. What is the probability of Zack drawing one of the leifers found

in the: word seat? W

7. What is fhe probubilfiy of Zack drawing one of ihe lefiers found

in the word chedr-? WWW

in the Word sauce?