	Name		Date
	bbability with Compound Events (Independent actice	and Dependent)	
Describe the events by writing I for <i>independent event</i> or D for <i>dependent event</i> .			
2. 3. 4.	Ann draws a colored toothpick from a jar. Without replacing it, she draws a second toothpick John rolls a six on a number cube and then flips a coin that comes up heads Susie draws a card from a deck of cards and replaces it. She then draws a second card Seth draws a colored tile from a bag, replaces it; draws a second tile from the bag, replaces it; and then draws a tile a third time from the bag You draw a red marble from a bag, and then another red marble (without replacing the first marble)?		
Using the two spinners, find each compound probability.			
6.	P(A and 2) 7. P(D and 1)		1 2
9.	P(A and not 2)		2 1 2 1
A box contains 3 red marbles, 6 blue marbles, and 1 white marble. The marbles are selected at random, one at a time, and are not replaced . Find each compound probability.			
10.	P(blue and red) 11. P(blue and blue)	12. P(red and wh	nite and blue)
13.	P(red and red and red) 14. P(white and	red and white)	
rep	opose that two tiles are drawn from the collection shown a laced before the second is drawn. Find each compound	probability.	ARRRC ARRC EEEC
	P(A and A) 16. P(R and C)		
Suppose that two tiles are drawn from the same collection shown above. The first tile is not replaced before the second is drawn. Find each compound probability.			
18.	P(A and A) 19. P(R and C)	_ 20. P(A and not R)	· · · · · · · · · · · · · · · · · · ·
Use	e the spinner to the right for the next two problems.		
21.	If you spin the spinner twice, what is the probability of spinning orange then brown?	Brow	Orange Brown
22.	If you spin the spinner twice, what is the probability of spinning brown both times?		Orange Brown
23.	Kevin had 6 nickels and 4 dimes in his pocket. If he took out one coin and then a second coin without replacing the first coin (a) what is the probability that both coins were nickels?		
	(b) what is the probability that both coins were dim	ies?	· ·
	(b) what is the probability that the first coin was a	nickel and the second a dim	e?