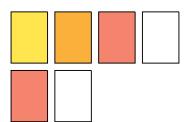
## ☑ | Probability of Independent and Dependent Events

Name:

#1

You pick a card at random, put it back, and then pick another card at random. What is P(red, green)? Simplify your answer and write it as a fraction or whole number.



O 2

 $\bigcirc$  (

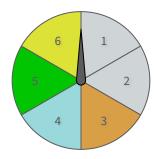
O 3

0 1

Show your work

#2

You spin the spinner wheel twice. What is P(greater than 3, greater than 6)? Simplify your answer and write it as a fraction or whole number.

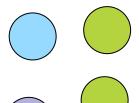


## P(greater than 3, greater th

Show your work

#3

You pick a marble at random. Without putting the first marble back, you pick a second marble at random. What is P(blue, yellow)? Simplify your answer and write it as a fraction or whole number.

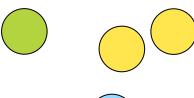


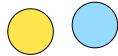


Show your work

#4

You pick a marble at random. Without putting the first marble back, you pick a second marble at random. What is P(blue, brown)? Simplify your answer and write it as a fraction or whole number.





P(blue, brown)=

Show your work

#5

You spin the spinner wheel twice. What is P(odd, odd)? Simplify your answer and write it as a fraction or whole number.



 $\bigcirc$   $\frac{1}{10}$ 

 $\bigcirc \quad \frac{3}{10}$ 

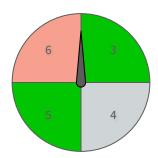
 $\bigcirc$   $\frac{1}{4}$ 

O  $\frac{6}{7}$ 

Show your work

#6

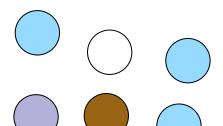
You spin the spinner wheel twice. What is P(even, odd)? Simplify your answer and write it as a fraction or whole number.



P(even, odd) =

Show your work

You pick a marble at random, put it back, and then pick another marble at random. What is P(purple, purple)? Simplify your answer and write it as a fraction or whole number.

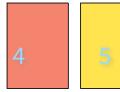


P(purple, purple)

Show your work

#8

You pick a card at random. Without putting the first card back, you pick a second card at random. What is P(less than 6, 7)? Simplify your answer and write it as a fraction or whole number.





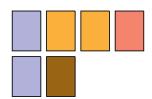




Show your work

#9

You pick a card at random. Without putting the first card back, you pick a second card at random. What is P(orange, orange)? Simplify your answer and write it as a fraction or whole number.



Show your work

∷	Probabil	ity of Independ	dent and Depende	nt Events	Name:	
<b>#10</b>	You pick a card What is P(brown	$(\mathbf{n}, \operatorname{red})$ ? Simplify your $(\mathbf{a}, \mathbf{r})$	, and then pick another card answer and write it as a fraction	at random. on or whole		
	P(b	rown, r	$(ed) = \boxed{}$		Show your work	
<b>#11</b>	You pick a marb second marble	ole at random. Without at random. What is P( write it as a fractio	putting the first marble back yellow, blue)? Simplify your a on or whole number.	you pick a nswer and		
	0	2	O 0			
	0	3	O 1		Show your work	
#12	You pick a car second card at	rd at random. Without random. What is P(br write it as a fraction)	putting the first card back, yo own, white)? Simplify your a on or whole number.	ou pick a nswer and		
	0	1	O 3			

O 2

Show your work

0

in Trobability of Macpenaent and Depenaent Events					
	Question	Answer			
	#1	0			
	#2	0			
	#3	0			
	#4	0			
	#5	1/4			
	#6	1/4			
	#7	1/36			
	#8	1/6			
	#9	1/15			
	#10	0			
	#11	0			
	#12	0			