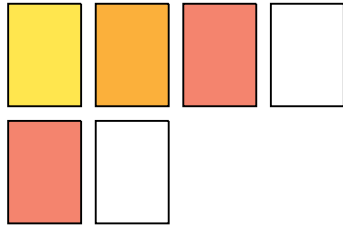


#1

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

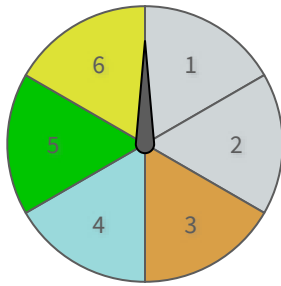


- 2
- 0
- 3
- 1

Show your work

#2

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

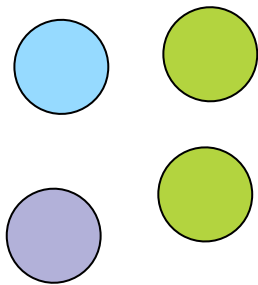


$P(\text{greater than 3, greater than 6}) =$ _____

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 $P(\text{blue, yellow})$? Simplify your answer and write it as a fraction or whole number.

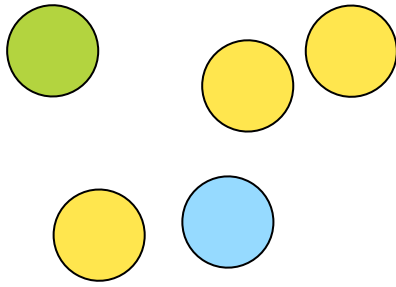


$P(\text{blue, yellow}) =$

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 $P(\text{blue, brown})$? Simplify your answer and write it as a fraction or whole number.

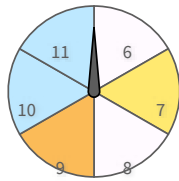


$$P(\text{blue, brown}) = \boxed{}$$

Show your work

#5

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



$\frac{1}{10}$

$\frac{3}{10}$

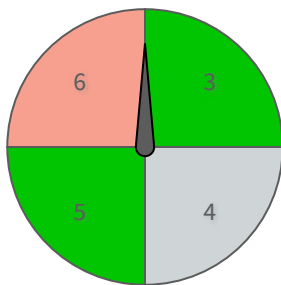
$\frac{1}{4}$

$\frac{6}{7}$

Show your work

#6

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

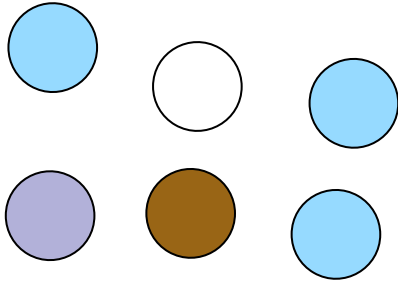


$$P(\text{even, odd}) = \boxed{}$$

Show your work

#7

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

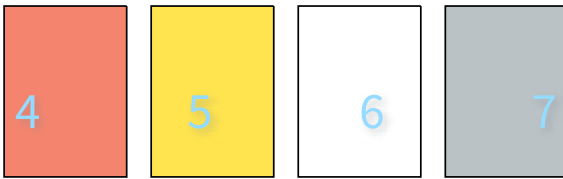


$P(\text{purple, purple}) =$

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 $P(\text{less than 6, 7})$? Simplify your answer and write it as a fraction or whole number.



$\frac{3}{8}$

$\frac{1}{6}$

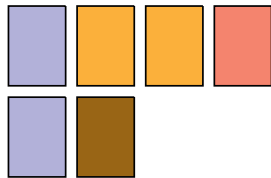
$\frac{1}{2}$

$\frac{1}{9}$

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 $P(\text{orange, orange})$? Simplify your answer and write it as a fraction or whole number.



$\frac{6}{7}$

$\frac{5}{8}$

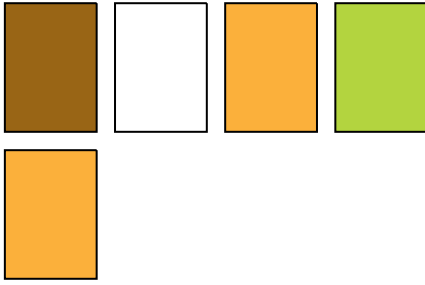
$\frac{2}{7}$

$\frac{1}{15}$

Show your work

#10

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

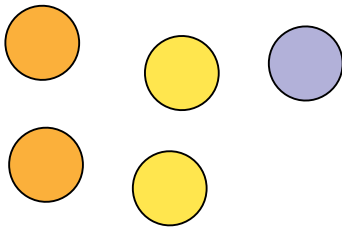


$$P(\text{brown, red}) = \boxed{}$$

Show your work

#11

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

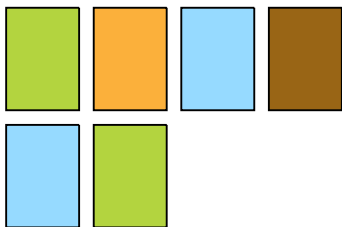


- | | |
|-------------------------|-------------------------|
| <input type="radio"/> 2 | <input type="radio"/> 0 |
| <input type="radio"/> 3 | <input type="radio"/> 1 |

Show your work

#12

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



- | | |
|-------------------------|-------------------------|
| <input type="radio"/> 1 | <input type="radio"/> 3 |
| <input type="radio"/> 0 | <input type="radio"/> 2 |

Show your work

Question	Answer
#1	0
#2	0
#3	0
#4	0
#5	$\frac{1}{4}$
#6	$\frac{1}{4}$
#7	$\frac{1}{36}$
#8	$\frac{1}{6}$
#9	$\frac{1}{15}$
#10	0
#11	0
#12	0