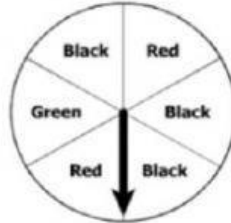


PROBABILITY

HOMEWORK
2/8/2021

Probability = $\frac{\text{the number of favorable outcomes}}{\text{the number of possible outcomes}}$

Example: I will spin the arrow one time. What is the probability that I will land on the green space?



Answer: $\frac{1}{6}$ (There is 1 green space out of 6 total spaces on the spinner.)

<div style="display: flex; justify-content: space-around; margin-bottom: 5px;"> J L O I M </div> <p>1. What is the probability of pulling a vowel letter?</p> <div style="text-align: right;"> <div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> <hr style="width: 20px; margin: 0 auto;"/> <div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> </div>	<div style="display: flex; justify-content: space-around; margin-bottom: 5px;"> J L O I M </div> <p>2. What is the probability of pulling a consonant letter?</p> <div style="text-align: right;"> <div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> <hr style="width: 20px; margin: 0 auto;"/> <div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> </div>
<div style="display: flex; justify-content: space-around; margin-bottom: 5px;"> J L O I M </div> <p>3. What is the probability of pulling a green or blue letter?</p> <div style="text-align: right;"> <div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> <hr style="width: 20px; margin: 0 auto;"/> <div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> </div>	<div style="display: flex; justify-content: space-around; margin-bottom: 5px;"> J L O I M </div> <p>4. What is the probability of pulling a letter that is not O, I or J?</p> <div style="text-align: right;"> <div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> <hr style="width: 20px; margin: 0 auto;"/> <div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> </div>
<p>5. Using a fair number cube with six sides, what is the probability of rolling a 3 or more?</p> <div style="text-align: right;"> <div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> <hr style="width: 20px; margin: 0 auto;"/> <div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> </div> <div style="text-align: center; margin-top: 10px;"> </div>	<p>6. Using a fair number cube with six sides, what is the probability of rolling a number greater than 6?</p> <div style="text-align: right;"> <div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> <hr style="width: 20px; margin: 0 auto;"/> <div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> </div> <div style="text-align: center; margin-top: 10px;"> </div>