

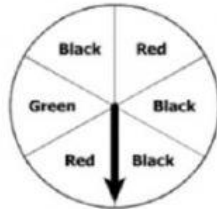
PROBABILITY

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.)

<table border="1"><tr><td>J</td><td>L</td><td>O</td><td>I</td><td>M</td></tr></table> <p>1. What is the probability of pulling a vowel letter?</p> <table border="1"><tr><td><input type="text"/></td></tr><tr><td><hr/></td></tr><tr><td><input type="text"/></td></tr></table>	J	L	O	I	M	<input type="text"/>	<hr/>	<input type="text"/>	<table border="1"><tr><td>J</td><td>L</td><td>O</td><td>I</td><td>M</td></tr></table> <p>2. What is the probability of pulling a consonant letter?</p> <table border="1"><tr><td><input type="text"/></td></tr><tr><td><hr/></td></tr><tr><td><input type="text"/></td></tr></table>	J	L	O	I	M	<input type="text"/>	<hr/>	<input type="text"/>
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<table border="1"><tr><td>J</td><td>L</td><td>O</td><td>I</td><td>M</td></tr></table> <p>3. What is the probability of pulling a green or blue letter?</p> <table border="1"><tr><td><input type="text"/></td></tr><tr><td><hr/></td></tr><tr><td><input type="text"/></td></tr></table>	J	L	O	I	M	<input type="text"/>	<hr/>	<input type="text"/>	<table border="1"><tr><td>J</td><td>L</td><td>O</td><td>I</td><td>M</td></tr></table> <p>4. What is the probability of pulling a letter that is not O, I or J?</p> <table border="1"><tr><td><input type="text"/></td></tr><tr><td><hr/></td></tr><tr><td><input type="text"/></td></tr></table>	J	L	O	I	M	<input type="text"/>	<hr/>	<input type="text"/>
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<p>5. Using a fair number cube with six sides, what is the probability of rolling a 3 or more?</p>  <table border="1"><tr><td><input type="text"/></td></tr><tr><td><hr/></td></tr><tr><td><input type="text"/></td></tr></table>	<input type="text"/>	<hr/>	<input type="text"/>	<p>6. Using a fair number cube with six sides, what is the probability of rolling a number greater than 6?</p>  <table border="1"><tr><td><input type="text"/></td></tr><tr><td><hr/></td></tr><tr><td><input type="text"/></td></tr></table>	<input type="text"/>	<hr/>	<input type="text"/>										
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