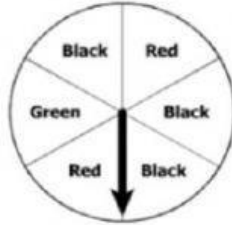


PROBABILITY



HOMEWORK
2/8/2021

**Probability = the number of favorable outcomes
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.)

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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>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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