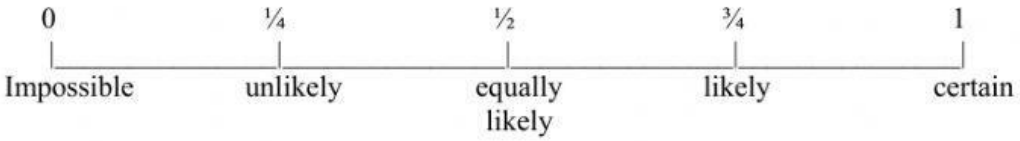
Name_____

## THEORETICAL PROBABILITY #1

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**Directions**: *Theoretical probability* describes how likely it is that an event will happen. Use the probability chart below to decide whether each event below is impossible, unlikely, equally likely, likely, or certain to happen.




**Example**: A two sided coin is flipped and lands on tails. **½ --Equally likely**

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| **EVENT** | **PROBABILITY** |
|---|---|
| 1) A two-sided coin is flipped and lands on heads. | _____ |
| 2) Roll a die and get a number greater than six. | _____ |
| 3) Spin a spinner numbered 1-8, and you land on a number less than 3. | _____ |
| 4) You will watch at least 1 hour of TV today. | _____ |
| 5) Pick a blue marble from an equal number of blue, yellow, red, and green marbles. | _____ |
| 6) You will have fish for dinner tonight. | _____ |
| 7) Pick an ace from a regular deck of cards. | _____ |
| 8) Pick a red card from a regular deck of cards. | _____ |
| 9) Your class will go on a field trip this year. | _____ |
| 10) Roll a die and get an even number. | _____ |
| 11) Roll a die and get a number that is a factor of 30 | _____ |
| 12) It will snow in your town tonight. | _____ |
| 13) Your birthday will fall on a Friday this year. | _____ |
| 14) Pick a purple marble out of a bag of red marbles. | _____ |
| 15) Picking a vowel from the letters in your school's name. | _____ |

LIVEWORKSHEETS