$\qquad$

## Probability

| J | S | L | Y | C | E | C | A | P | S | E |  | P | M | A | S | B | M | W | W | B | P | G | K |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Q | A | H | A | 0 | J | X | C | P | T | D | B | A | Z | H | F | A | L | R | Y | S | $J$ | Y | L |
| Y | B | 1 | A | S | E | D | 0 | F | H | F | E | U | Q | R | R | W | G | S | A | K | L | M | T |
| C | G | D | X | E | Q | S | M | M | T | J | P | M | G | G | T | P | N | D | T | A | A | U | U |
| N | L | R | G | M | W | W | P | T | N | C | E | V | A | E | P | G | G | Q | W | C | M | T | E |
| E | A | D | D | 0 | M | R | L | E | E | C | V | 1 | Y | L | R | M | S | Q | M | G | C | U | W |
| U | C | M | W | C | F | T | E | T | D | B | D | Z | D | B | 0 | A | V | X | U | Y | G | A | T |
| Q | 1 | R | X | T | A | T | M | U | N | E | B | G | S | 1 | B | N | C | F | P | E | F | L | Q |
| E | T | E | G | U | 1 | B | E | 1 | E | $J$ | S | V | B | S | A | R | R | Z | C | 0 | Y | L | H |
| R | E | G | M | 0 | R | G | N | R | P | Y | 1 | B | Y | S | B | A | G | Z | L | P | H | Y | L |
| F | R | Y | L | X | Q | A | T | J | E | Z | G | L | $N$ | 0 | 1 | T | A | T | 0 | N | T | E | S |
| E | 0 | U | N | N | X | C | Q | M | D | P | Z | U | Y | P | L | L | 1 | K | E | L | Y | X | E |
| V | E | N | U | T | T | V | Q | H | N | U | N | E | $V$ | M | 1 | 0 | 1 | E | E | Z | L | C | X |
| 1 | H | L | Q | E | C | 0 | J | M | 1 | A | Y | H | N | 1 | T | 1 | N | T | D | A | B | L | P |
| T | T | 1 | N | T | E | R | S | E | C | T | 1 | 0 | N | L | Y | N | Y | E | N | J | K | U | E |
| A | Y | K | J | W | R | V | T | A | K | W | J | X | A | K | 0 | $J$ | P | 0 | W | E | W | S | R |
| L | J | E | Q | A | T | 1 | 0 | 0 | R | S | T | B | S | 1 | Y | E | 1 | P | X | 0 | 0 | 1 |  |
| E | M | L | K | Z | A | C | X | P | R | Z | R | Y | N | N | N | T | N | E | V | E | C | V | M |
| R | V | Y | C | N | , | 1 | W | R | H | G | P | U | U | D | 1 | P | H | A | N | E | V | E | E |
| H | S | E | B | U | T | Y | M | $V$ | X | D | Q | $J$ | E | D | R | K | R | P | R | R | V | M | N |
| G | Z | S | M | U | S | D | F | V | G | U | K | N | N | D | B | H | P | T | R | V | B |  | T |
| E | V | E | N | C | H | A | N | C | E | X | T | 0 | T | C | N | H | A | M | B | H | Z | U | A |
| K | 1 | F | Q | W | K | Y | T | X | H | A | C | S | R | R | B | 1 | P | D | M | H | $V$ | W | L |
| J | H | X | A | V | E | N | N | D | I | A | G | R | A | M | N | S | B | T | R | L | R |  |  |


| relative frequency | mutually exclusive | intersection |
| :--- | :--- | :--- |
| Venn diagram | sample space | tree diagram |
| even chance | conditional | independent |
| probability | complement | impossible |
| unlikely | certain | outcome |
| biased | union | event |

set notation
experimental
theoretical
dependent
likely
fair

