$\qquad$ Date: $\qquad$

## States of Matter

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


| physicalproperty | chemicalproperty | physicalchange |
| :--- | :--- | :--- |
| condensation | conductivity | malleability |
| homogeneous | properties | saturation |
| substance | freezing | molecule |
| blended | melting | boiling |
| solvent | mixture | liquid |
| matter | phase | state |
| mass | gas |  | mass

chemicalchange heterogeneous
sublimation evaporation
solubility dissolved
compound solution
density element
volume solute
solid atom

