$\qquad$ Date: $\qquad$

## chemistry

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


| heterogeneous mixture | dimensional analysis | homogeneous mixture | significant figure |
| :--- | :--- | :--- | :--- |
| molecular formula | empirical formula | conversion factor | diatomic element |
| transition metal | pure substance | periodic table | percent error |
| percent yield | atomic weight | stoichiometry | state symbol |
| alkali metal | formula unit | measurement | mole ratio |
| lanthanide | octet rule | molar mass | noble gas |
| reaction | molecule | actinide | electron |
| avogadro | element | density | neutron |
| matter | period | cation | proton |
| group | anion | atom | mole |

