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

alloy

anion

cation

chemical bond

chemical formula

covalent bond

crystals

electron dot diagram

ion

ionic bond

metallic bond

molecule

polar covalent bond

polyatomic ion