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| --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

periodic table of elements

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

   aluminum       phosphorus       ruthenium       iron       xenon       hassium       osmium       lead       technetium       cobalt       selenium       lithium       mercury       potassium       polonium       yttrium       nickel       germainium       barium       caesium       neon       iodine       iridium       molybdenum       silicon       chromium       titanium       calcium       cadmium       scandium       boron       carbon       krypton       argon       astatine       platinum       vanadiam       magnesium       manganese       nitrogen       sodium       bromine       oxygen       chlorine       fluorine       beryllium       zinc       helium       rubidium       sulfur       hydrogen       strontium       gold       copper