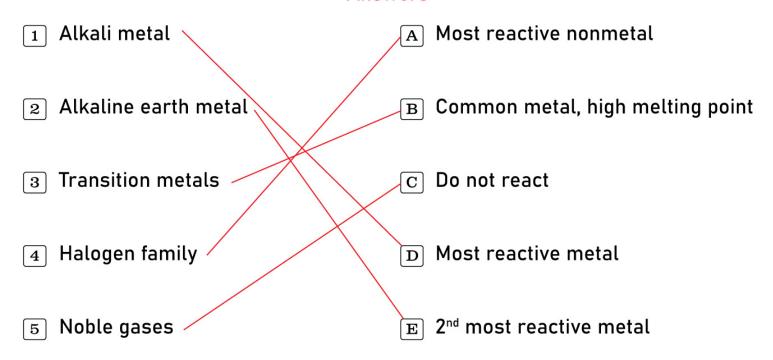
Atoms and Periodic Table

| Match the f | family with | its most | important c | haracteristics. |
|-------------|-------------|----------|-------------|-----------------|
| | | | | |

| Alkali metal | A Most rea | active nonmetal | | | |
|---|--|-----------------------------|--|--|--|
| 2 Alkaline earth metal | B Commo | n metal, high melting point | | | |
| 3 Transition metals | © Do not r | © Do not react | | | |
| 4 Halogen family | D Most reactive metal | | | | |
| 5 Noble gases | E 2 nd most reactive metal | | | | |
| Fill in the chart below using the words in the word bank. | | | | | |
| Word bank: negative n | eutral positive inside nu | cleus outside nucleus | | | |
| Particle | Charge | Location | | | |
| Proton | | | | | |
| Electron | | | | | |
| Neutron | | | | | |
| Using the words bank below, fill in the blanks. | | | | | |
| Word bank: broken str heat ref | etched hammered wi lects shiny | res sheets electricity | | | |
| a Malleable - A substance can be into | | | | | |
| ъ Ductile – A substance can be into | | | | | |
| c Luster - How light off a substance; how it is. | | | | | |
| d Brittle - Easily into pieces. | | | | | |
| e Conductor - A substance that can carry or | | | | | |

Atoms and Periodic Table

Answers



Word bank: negative neutral positive inside nucleus outside nucleus

| Particle | Charge | Location |
|----------|----------|-----------------|
| Proton | Positive | Inside nucleus |
| Electron | Negative | Outside nucleus |
| Neutron | Neutral | Inside nucleus |

Word bank: broken stretched hammered wires sheets electricity heat reflects shiny

- Malleable A substance can be stretched into wires
- Ductile A substance can be <u>broken</u> into <u>sheets</u>
- c Luster How light <u>reflects</u> off a substance; how <u>shiny</u> it is.
- d Brittle Easily <u>broken</u> into pieces.
- e Conductor A substance that can carry electricity or heat