

Atoms and Periodic Table

Match the family with its most important characteristics.

- | | |
|------------------------|---------------------------------------|
| 1 Alkali metal | A Most reactive nonmetal |
| 2 Alkaline earth metal | B Common metal, high melting point |
| 3 Transition metals | C 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 neutral positive inside nucleus outside nucleus

Particle	Charge	Location
Proton		
Electron		
Neutron		

Using the words bank below, fill in the blanks.

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

- a Malleable – A substance can be _____ into _____
- b 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 _____

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Answers

- 1 Alkali metal A Most reactive nonmetal
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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

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