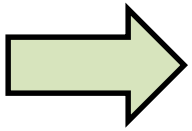
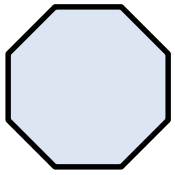
Teacher Directions

Use these INB templates as reinforcement as you work through a lesson.

Some INBs are better filled out throughout a lesson, while others should wait till after their topic is covered. Each is marked on their instructions.



Use throughout the lesson



Use after this topic is covered

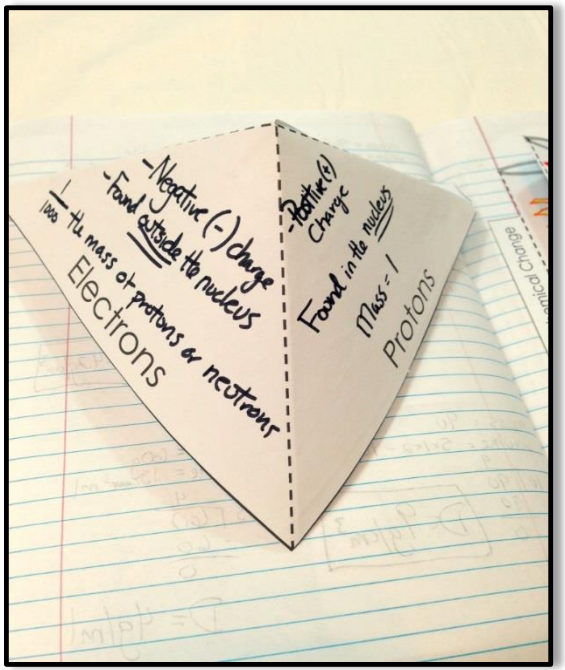
Photos of sample completed INBs are at the end of this file.

Quick Action – Atom INB Template

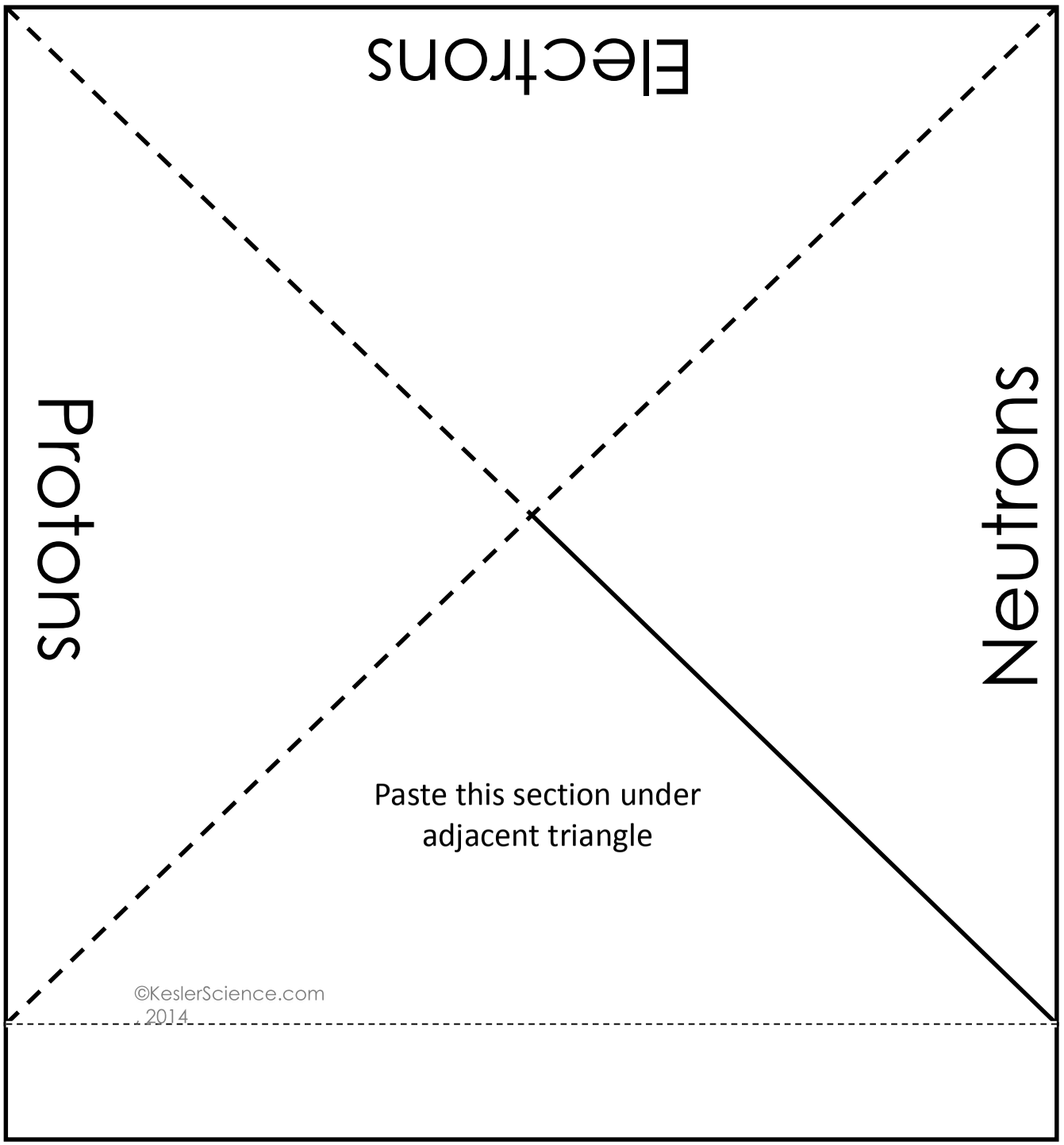
Use throughout the lesson

- Cut out the INB Template including the solid line between triangles.
- Fold along the dotted lines, including the one along the tab.(You should be able to make a pyramid shape.)
- Write notes as you go through the lesson.
- Paste the tab into your notebook.

Subatomic Particles Pyramid



Subatomic Particles Pyramid



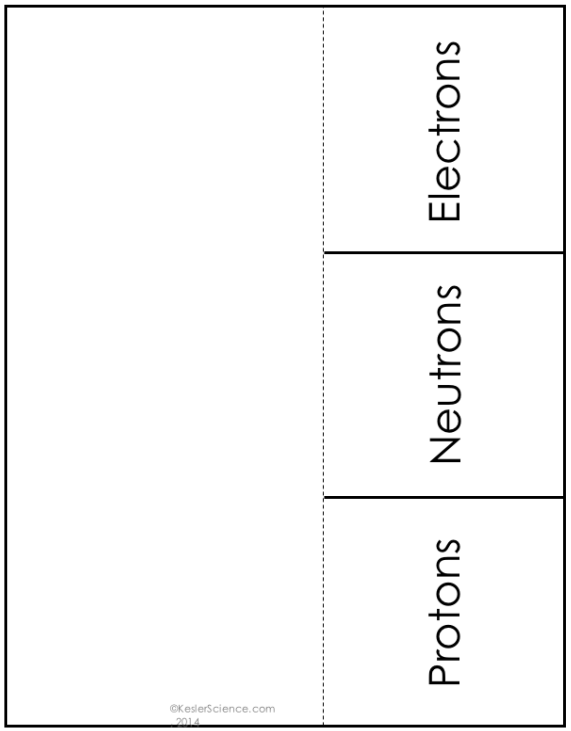
Quick Action – Atom INB Template

Use throughout the lesson

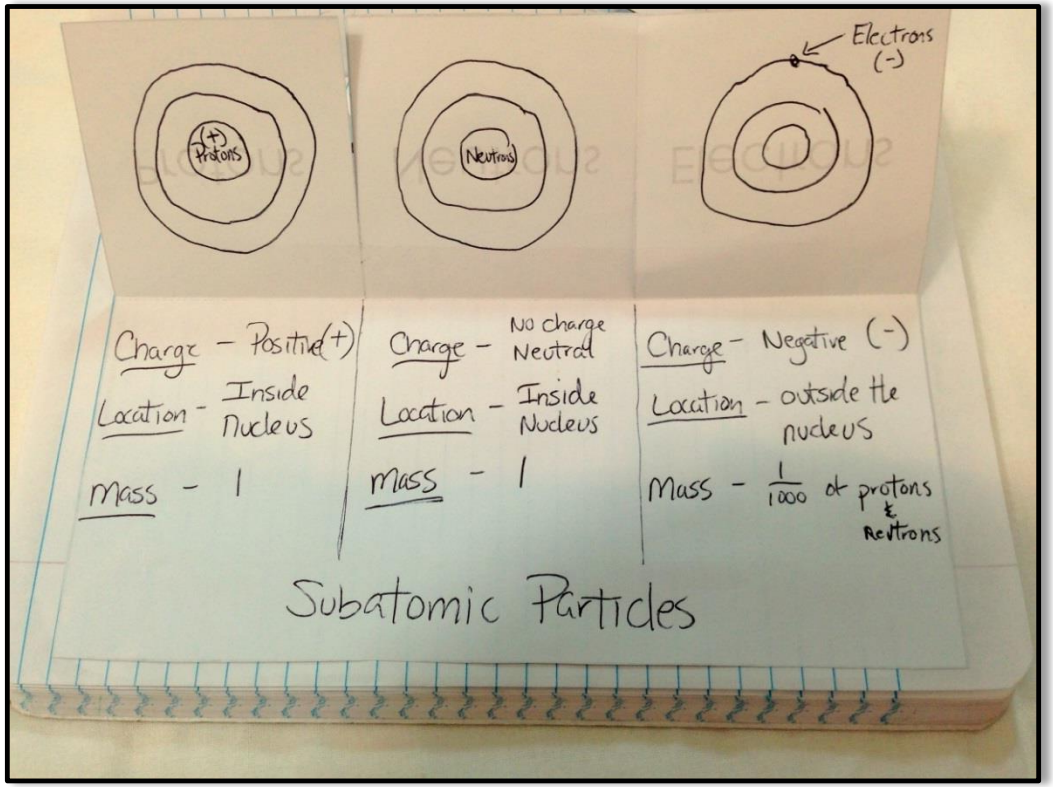
Checking for Understanding

- Cut out the INB template including all solid lines.
- Fold on the dotted line.
- Paste the solid back into your notebook so that you have a flipable.
- On the top inside part of each section draw the structure of an atom showing the charge and location of the particle.
- On the bottom write notes including the charge, the location and the mass of each particle.

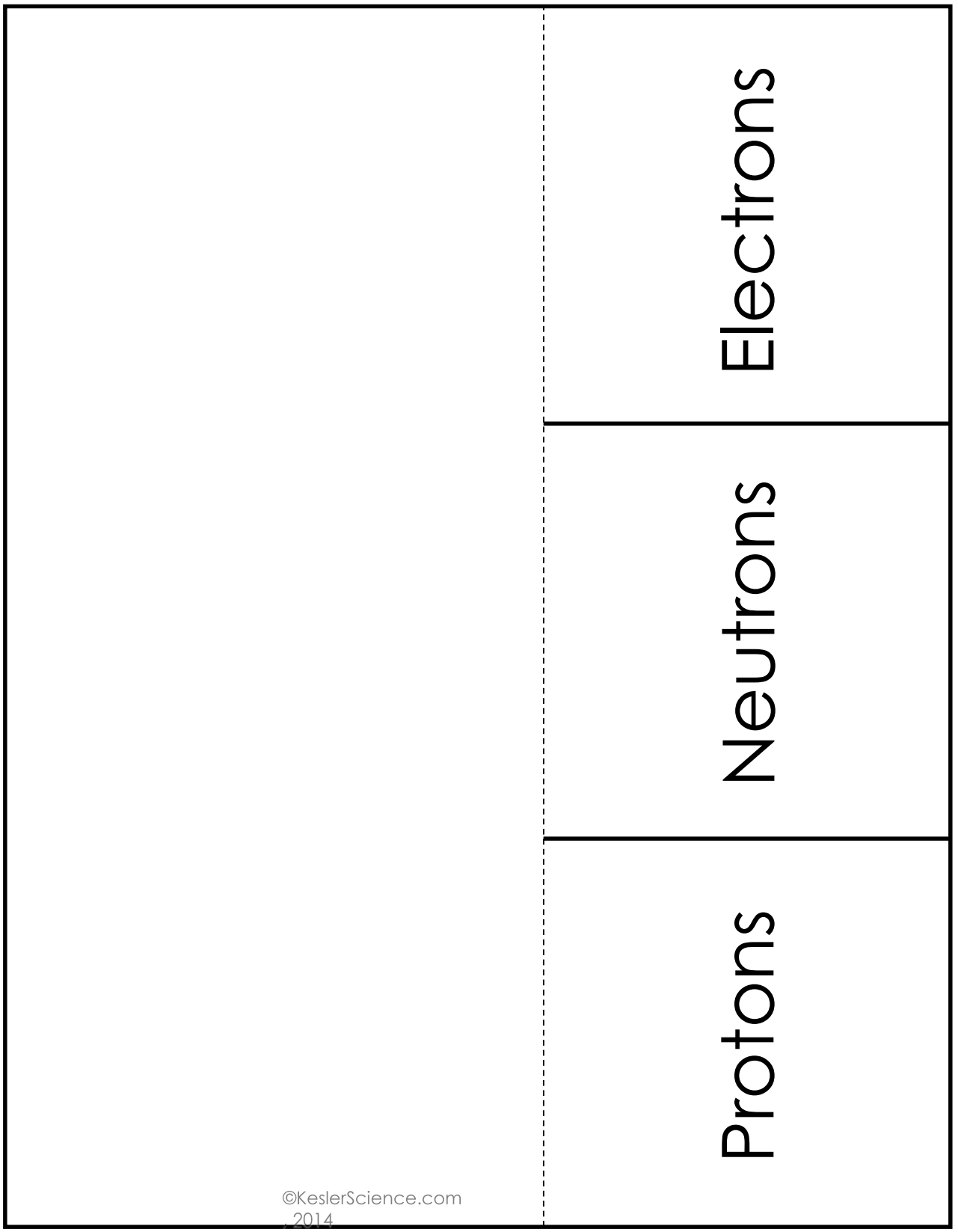
Subatomic Particles Flipable



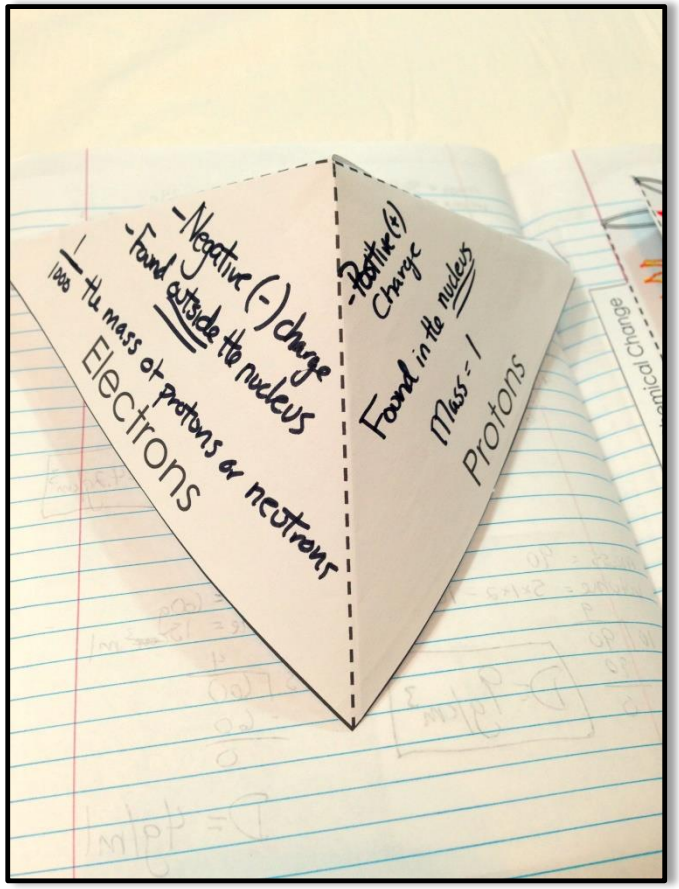
Quick Action – Atom INB Template

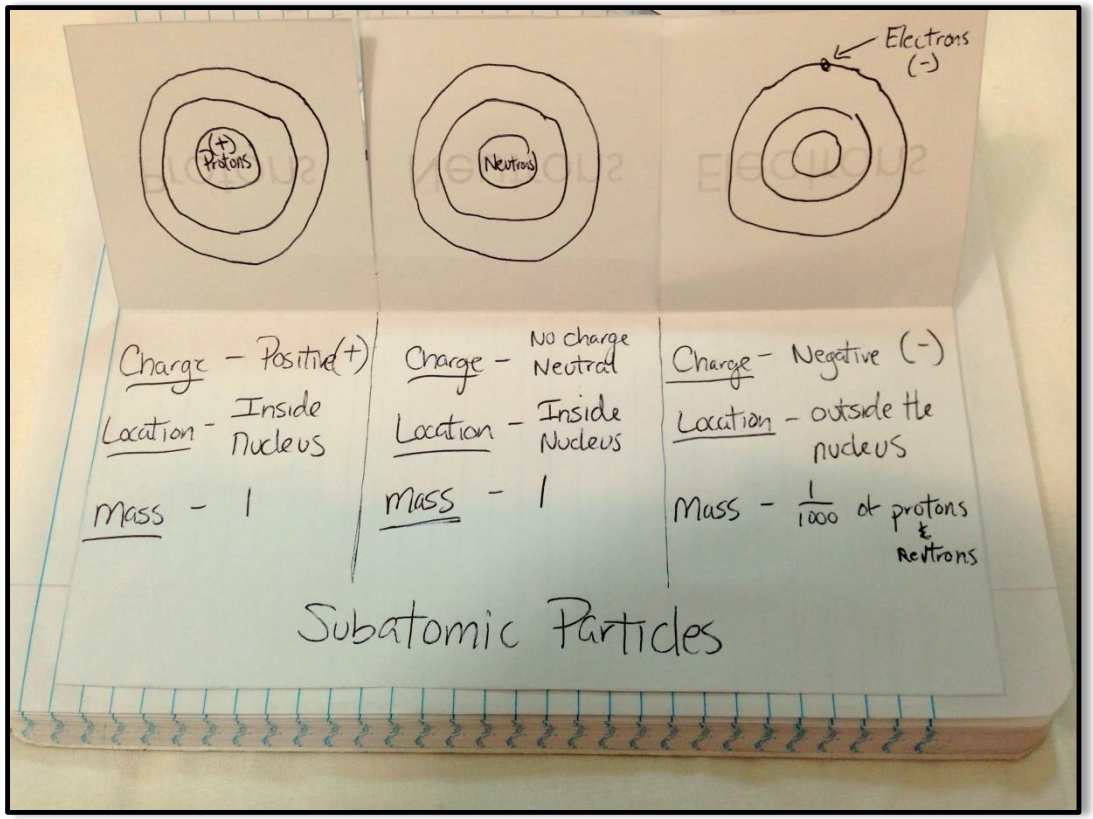


Subatomic Particles Flipable



Subatomic Particles





Quick Action – Atom INB Template

Use throughout the lesson

Checking for Understanding

- Cut out the INB template and paste tab in notebook.
- This is a way for you to remember how to calculate subatomic particles. "Ape Man".

A = Atomic Number

P = Proton

E = Electron

All are equal is a neutral atom.

M = Mass Number

A = Atomic Number

N = Neutrons

M – A = N

Periodic Table

APE

A_____

=(equals)

P_____

=(equals)

E_____

MAN

M_____

- (minus)

A_____

=(equals)

N_____

Periodic Table

APE

A_____

=(equals)

P_____

=(equals)

E_____

MAN

M_____

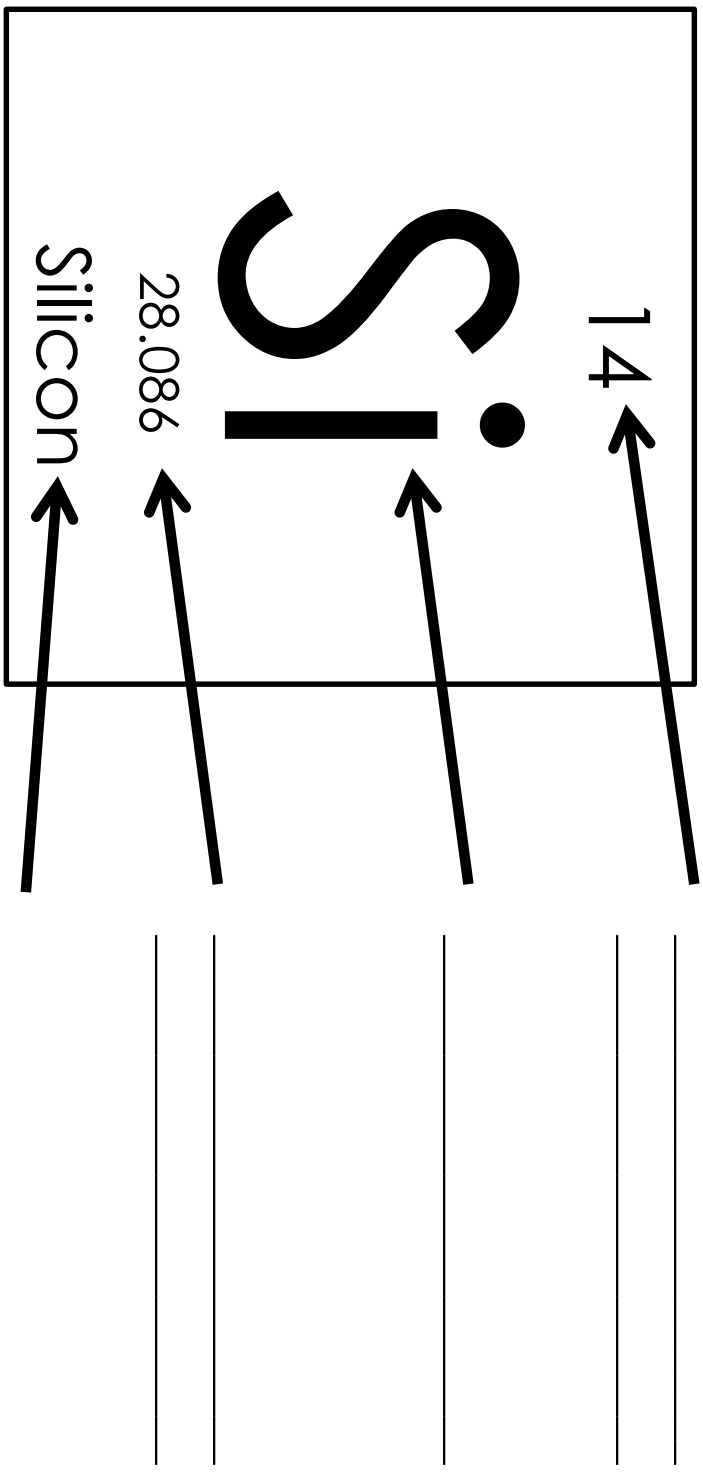
- (minus)

A_____

=(equals)

N_____

Periodic Table



Periodic Table