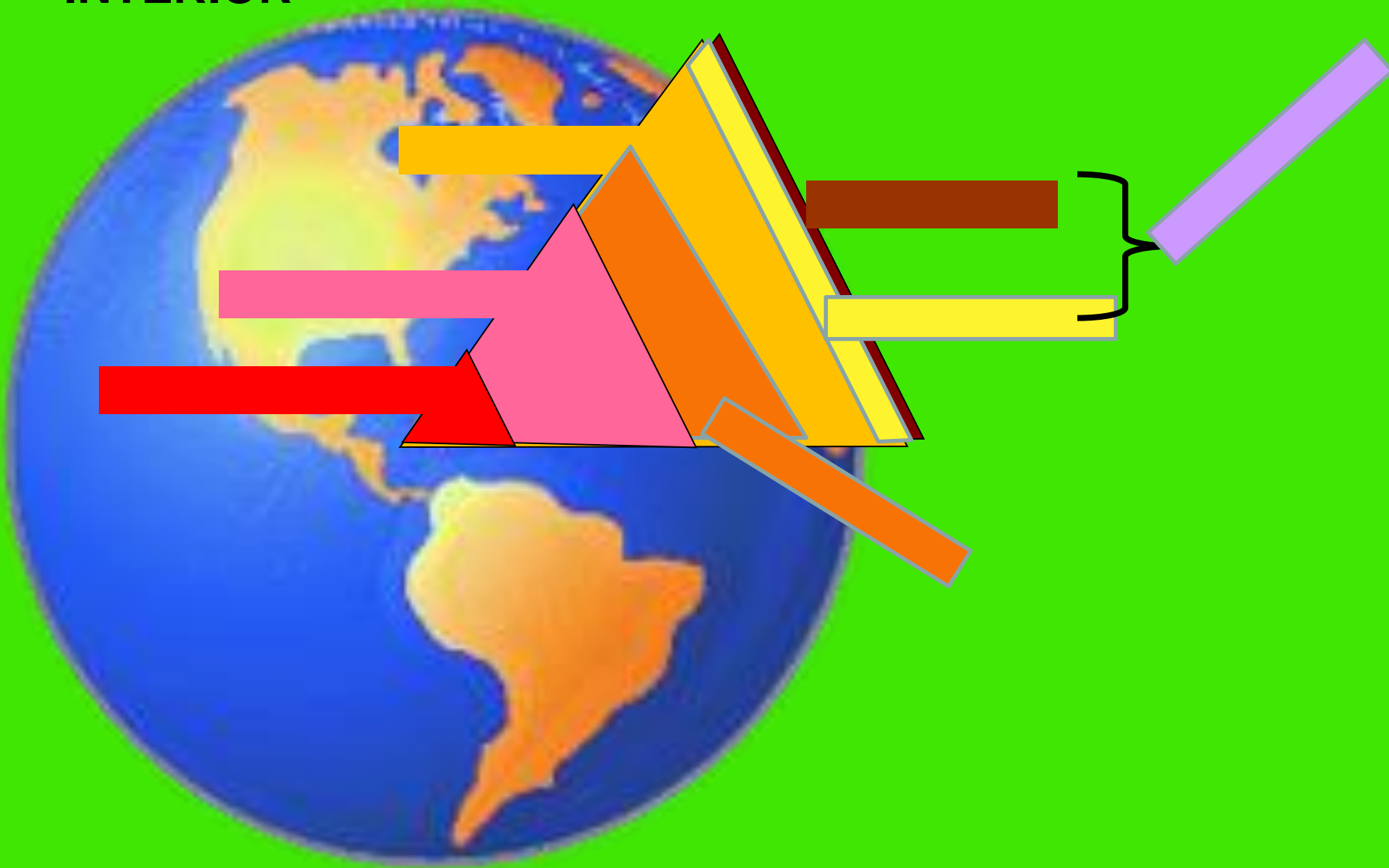


THE EARTH'S INTERIOR



PLACE the following letters where they

belong:

A = Outer core

Z = Inner core

Y = Crust

D = Lithosphere

E = Lower Mantle

F = Asthenosphere

S = Solid

L = Liquid

H = Heat Wins

P = Pressure wins

M = Magnetic Field made by this layer

W = "Weak" in greek

R = "stone" in greek

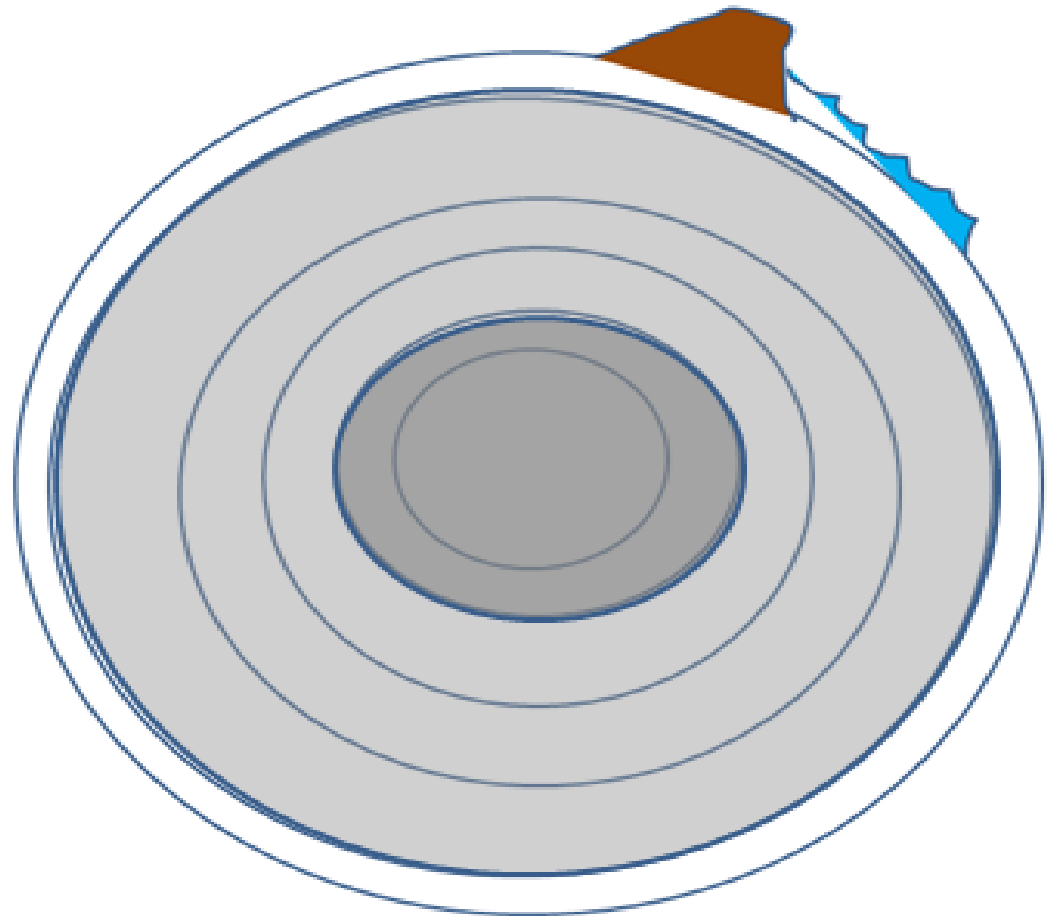
B = basalt

G = granite

O = oceanic crust

C = continental crust

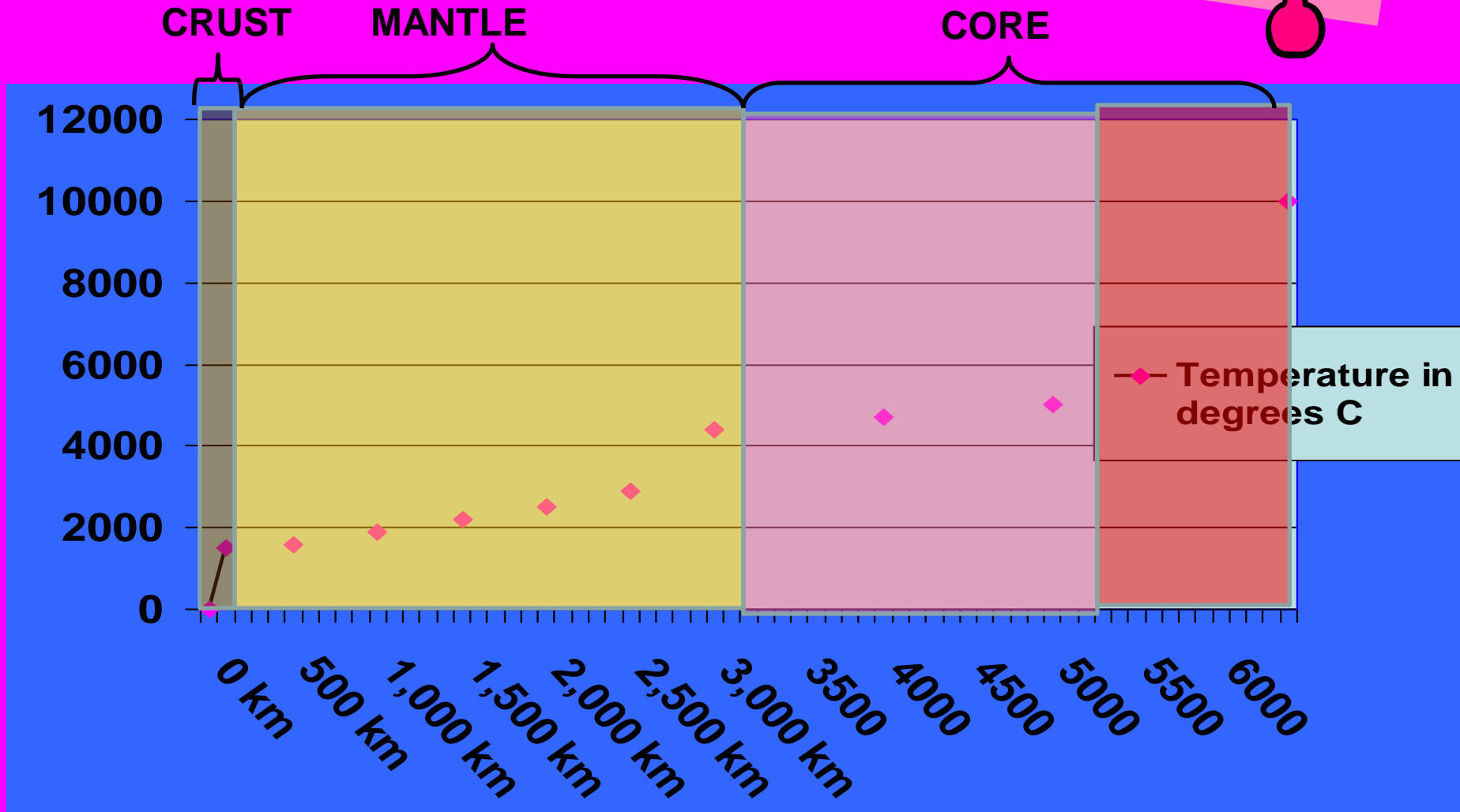
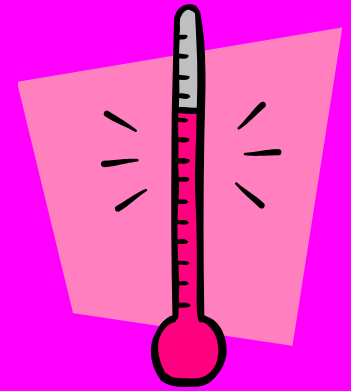
I = solid iron & nickel

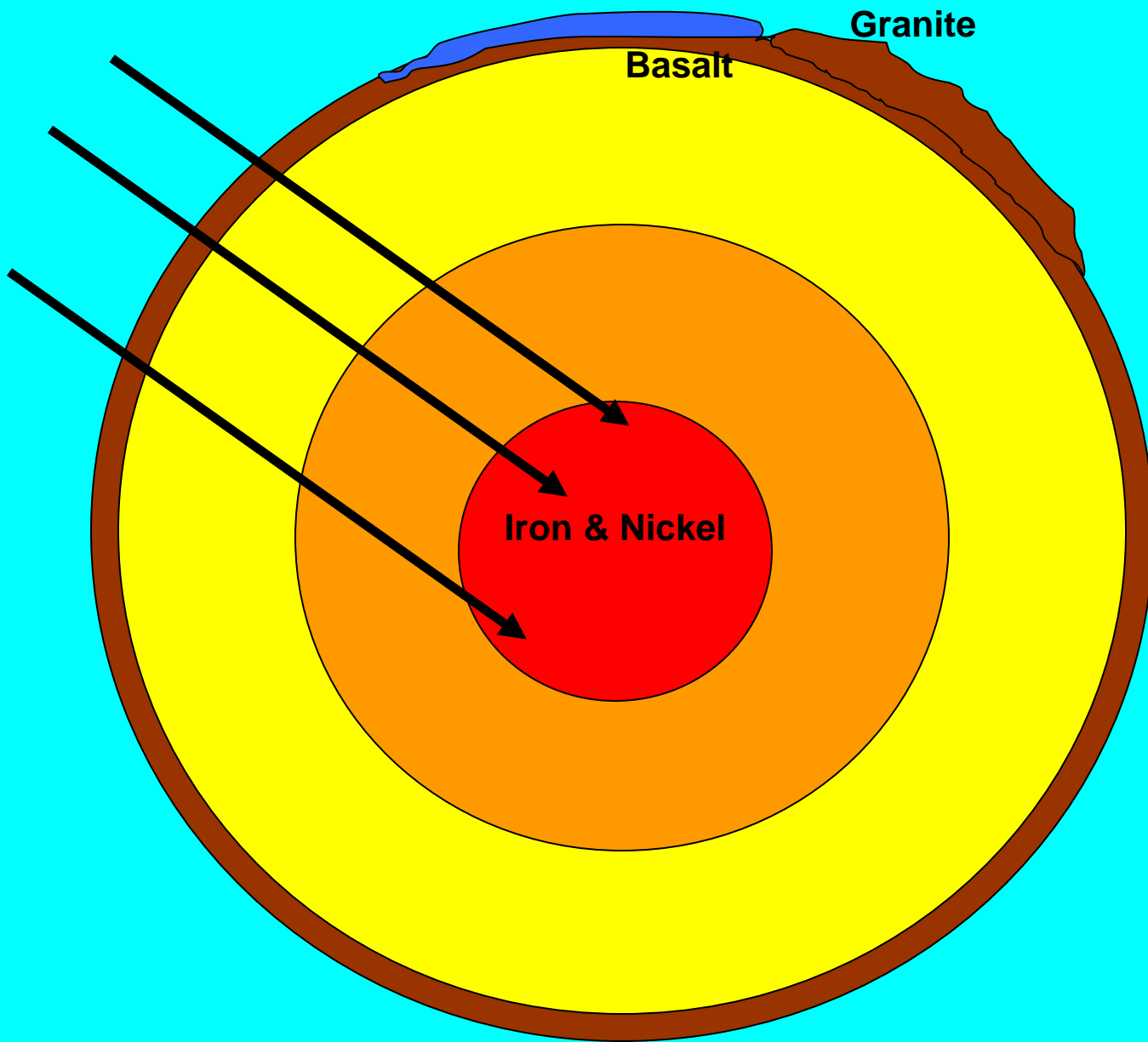


Layers of Earth

Temperature Inside Earth

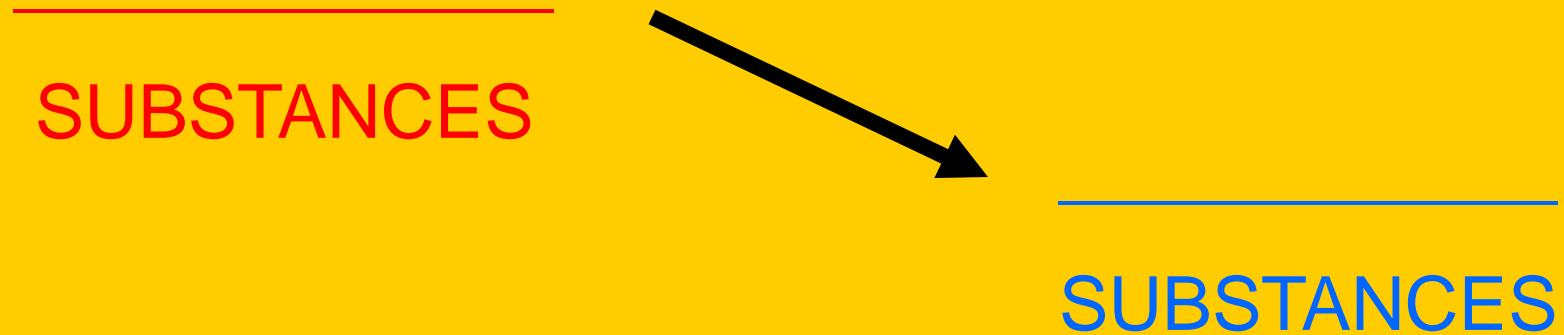
connect the dots to see how hot it actually gets!!





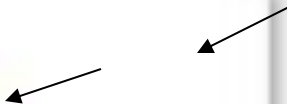
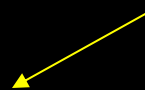
Heat Transfer

- The movement of heat energy from:



- Transfer of heat through space

Example:



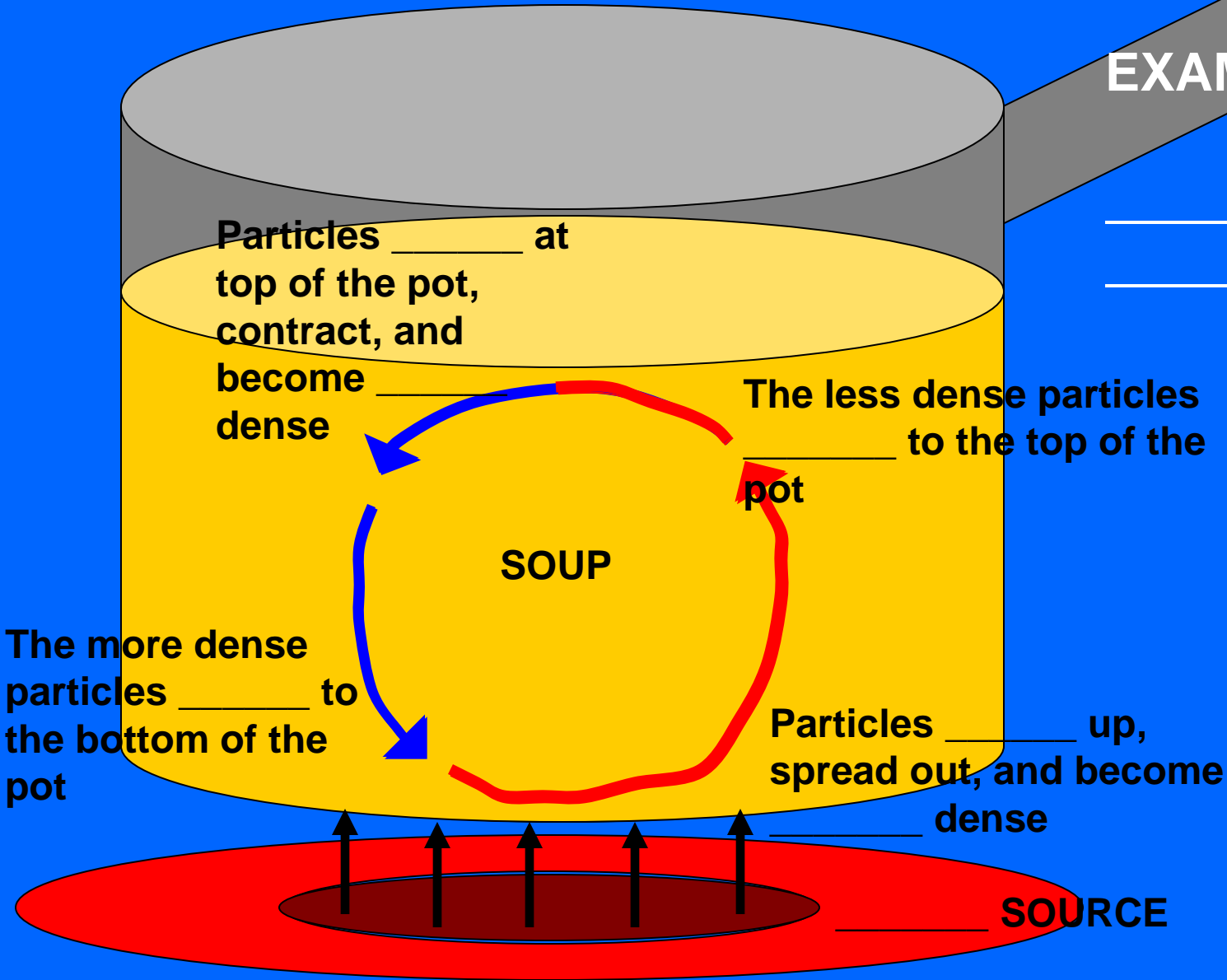
- Heat transfer within a material, or between materials that are touching

Example:



_____ - Heat transfer by the movement of currents within a fluid

EXAMPLE:



Particles _____ at top of the mantle, contract, and become _____ dense

The _____ dense particles _____ to the top of the mantle, reaching the crust

The _____ dense particles _____ to the bottom of the mantle, reaching the core

Particles _____ up, spread out, and become _____ dense

HEAT SOURCE = _____

CONVECTION IN THE MANTLE

