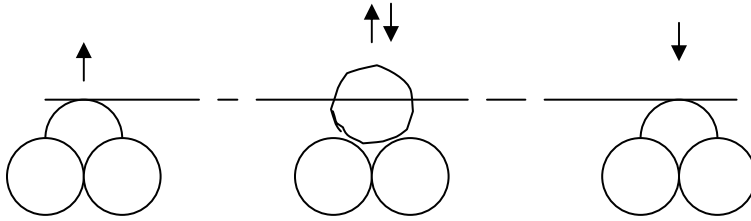


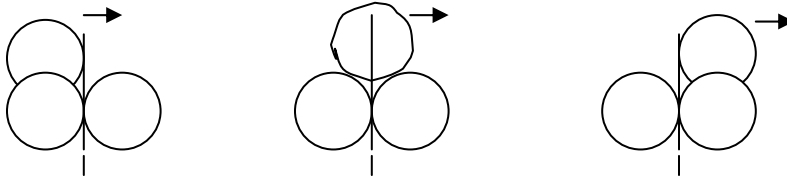
Illustration 1, Start here and read downward!

Analogies for the States of Matter:



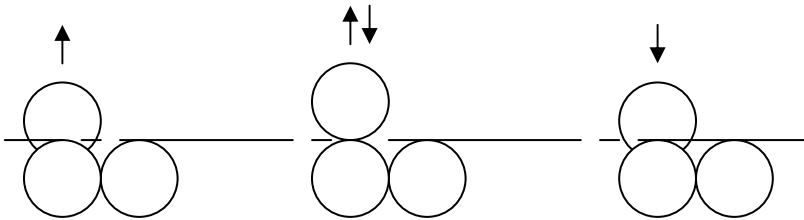
Analogy for a Solid absorbs heat and its temperature rises to melting point.

Upper sphere can vibrate up to the level of the “lowest passage way”, as shown.



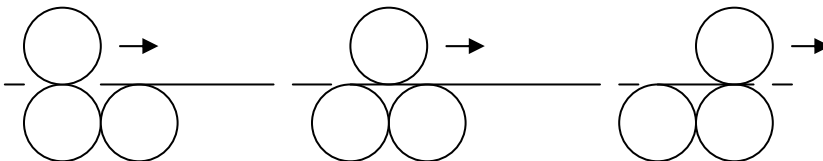
Analogy for Solid absorbs heat (i.e., “heat of fusion”) and melts completely,
but does not increase in temperature while melting.

Upper sphere vibrates horizontally, “over” four spheres below it, toward low passage. ((It glides over four spheres below it, two forward (shown toward reader), two in back (not shown). Upper sphere does not rise; temperature does not rise.))



Analogy for Liquid absorbs heat and its temperature rises to near boiling point.

Upper sphere can vibrates up to the tip of the highest sphere below it.



Analogy for Liquid absorbs heat (i.e., “heat of vaporization”) and boiling becomes
vigorous, as if ready to separate completely. Temperature does not rise.

Upper sphere now exercising complete freedom to move directly anywhere.

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