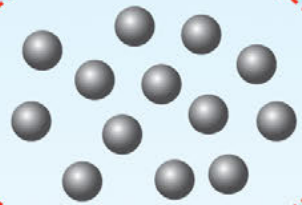


I THINK SAND GIVES US A BETTER VISUAL METAPHOR THAN WATER FOR THE ESSENTIAL NATURE OF MATTER. EVERYTHING IS MADE OF TINY, UNCUTTABLE PARTICLES THAT I CALL ATOMS.

WELL, *I* THINK MATTER IS CONTINUOUS AND INFINITELY DIVISIBLE, JUST THE WAY WATER APPEARS TO BE. I THINK MATTER FILLS EVERY NOOK AND CRANNY OF SPACE. SO THE IDEA OF SEPARATE PARTICLES, WITH EMPTY SPACE BETWEEN THEM, SEEMS SILLY TO ME!

ATOMIC MODEL

CONTINUOUS MODEL



**BAH!** WITHOUT ANY EVIDENCE, THIS IS ALL JUST USELESS SPECULATION!

OH, DON'T BE SO CRABBY. MAYBE IN A COUPLE THOUSAND YEARS PEOPLE WILL GET AROUND TO LOOKING AT EVIDENCE...



DEMOCRITUS, 460 - 370 B.C.



ARISTOTLE, 382 - 322 B.C.



This cartoon sums up the disagreement between Democritus and Aristotle over the existence of **atoms**. The crab and the seagull are commenting that the ancient philosophers are sometimes long on opinion but short on evidence.