Worksheet: Development of Atomic Theory Name	
True-False : place a "+" in the blank if the statement is true, of if the statement is false.	and a "O" in the blank
 Dalton's atomic theory stated: a. atoms are indivisible. b. all atoms of the same element are alike. c. atoms unite in small, whole number ratios to form compounds. 	
The Greek philosopher Democritus was one of the first to suggest the existence of atoms.	
3. The word "atom" means invisible.	
 A theory is an explanation of observable facts and phenomena. 	
5. Aristotle supported the idea of the atom.	
 From the "gold-foil" experiment it was concluded that the atom is mostly empty space. 	
Chart Annua and Ellis Alas Diadas	

Short Answer and Fill in the Blanks:

the gold foil.

1.	What must models and theories do i a.	n order to remain valid?	
	b.		
2.	The "gold-foil" experiment had the	following results:	of the
	alpha particles were deflected,	of the alpha par	ticles
	were reflected, and	of the alpha particles passed	through