

# Models of the Atom

 Exit Quiz

## Teacher Edition

### 1. Complete the table below:

Date	Theorist	Discovery
500 BC		Atoms
	Dalton	
1897		Electrons

### 2. Summarising Dalton's Work:

- What were atoms?
- What are elements made of?
- What other significant work did Dalton do?

### 3. Summarising Thomson's Work:

- What is the charge on an electron?
- What are cathode rays made of?
- Why do electrons move from the negative end of the tube to the positive end of a cathode ray tube?

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### 1. Complete the table below:

Date	Theorist	Discovery
500 BC	Democritus and Leucippus	Atoms
1803	Dalton	Atoms of a particular element were identical
1897	Thomson	Electrons

### 2. Summarising Dalton's Work:

- What were atoms?  
Small, hard spheres that were indivisible.
- What are elements made of?  
Atoms of the same kind
- What other significant work did Dalton do?  
He developed the first set of symbols for each of the elements known at the time.

### 3. Summarising Thomson's Work:

- What is the charge on an electron?  
Negative
- Why do electrons move from the negative end of the tube to the positive end of a cathode ray tube?  
The electrons were attracted by positively charged metal plates but were repelled by negatively by the negative end of the tube.