

PARTICULATE NATURE OF MATTER-SET-1

1 Which particle has the largest mass?

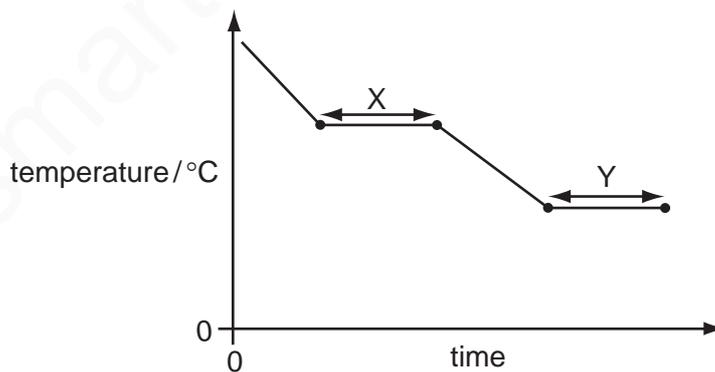
	protons	neutrons	electrons
A	5	6	7
B	6	6	6
C	6	7	7
<input checked="" type="checkbox"/> D	7	7	6

2 Large hydrocarbons can be1.....to make smaller, more useful molecules.

Small hydrocarbon molecules can be2..... to make long molecules. Which words correctly complete gaps 1 and 2?

	1	2
A	cracked	distilled
<input checked="" type="checkbox"/> B	cracked	polymerised
C	distilled	polymerised
D	distilled	cracked

3 The graph shows the changes in temperature when a substance is cooled.



Which describes the processes occurring at X and Y?

	X	Y
A	boiling	melting
<input checked="" type="checkbox"/> B	condensing	freezing
C	freezing	condensing
D	melting	boiling

4 Which process is used to separate the coloured compounds in chlorophyll?

- A** chromatography
- B** distillation
- C** evaporation
- D** filtration