

Answer on Question #52249 – Chemistry – Physical Chemistry

Question:

1 A gas becomes liquid by _____.

Melting

Sublimation

Condensation

Distillation

2 Crystal planes are represented by certain numbers known as _____

Milner indices

Miller indices

Braggs indices

X-ray indices

3 Which of the following elements, if doped into silicon, would give a p-type semiconductor?

Al

P

C

O

4 Which of the followings will not diffract X-rays?

Solid

Liquid

Gas

Crystal

5 Which of these is NOT true about semiconductors?

They are insulators under normal conditions

They conduct under normal conditions

They conduct when heated

Electrical conductivity increases with temperature

6 Surface tension is thought to be due to:

surface area trying to increase

molecules on the surface of the liquid are drawn inwards trying to minimize the surface area

air absorbed on the surface

surface molecules having lower energy than bulk molecules