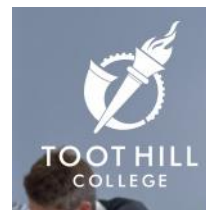


NAME _____



A Level Chemistry Summer Task

Q1	What are the subatomic particles found in an atom? What is the mass and charge of each?	The correct answer is...
Q2	Name the 3 main types of bonding	The correct answer is...
Q3	What type of structure does diamond have and why is it so hard?	The correct answer is...
Q4	What type of structure does sodium chloride have and why does it have a high melting point?	The correct answer is...
Q5	Research and find out what the 3 types of intermolecular forces are	The correct answer is...
Q6	State the ideal gas equation	The correct answer is...
Q7	What is Hess's law?	The correct answer is...
Q8	State and describe the 3 types of structural isomerism	The correct answer is...
Q9	Describe the differences between steam and catalytic cracking	The correct answer is...
Q10	What is the general formula of an alkane and an alkene?	The correct answer is...

Research essay (Handwritten on one side of A4): **Describe and explain how time of flight (TOF) mass spectrometry works. Include a diagram.**