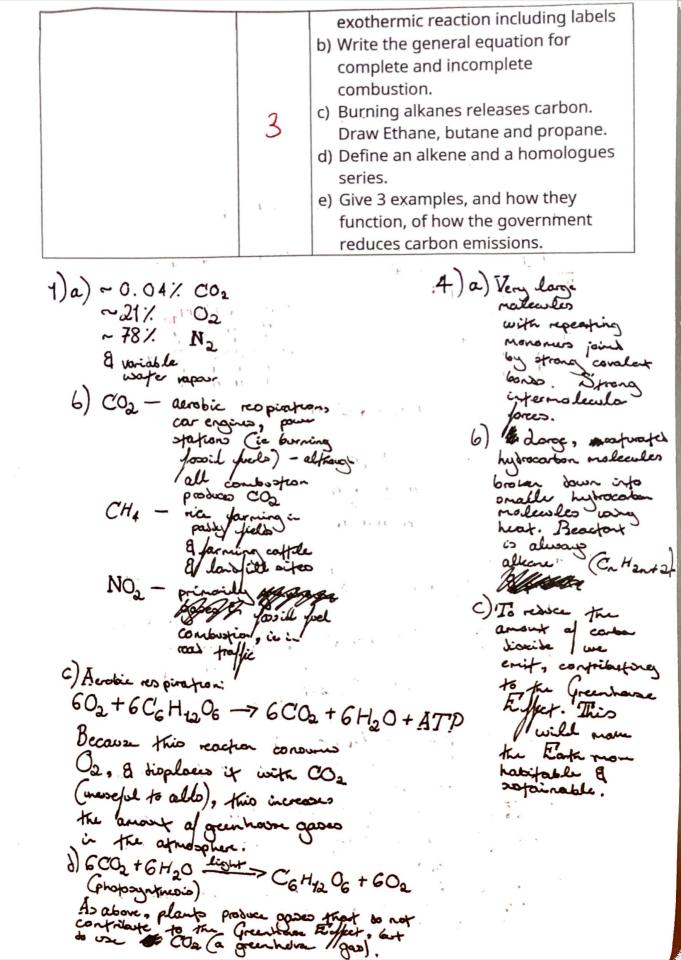
	Test review – Unit 9 The Atmosphere							
Skill Review								
s	Skill	Total	R	А	G			
1	Greenhouse gases 7 0-2 3-4				5.7			
2	The evolution of the atmosphere	6	0-2	3-4	5-6			
3	Pollutant gases	9	0-3	4-7	8-9			
4	Carbon footprint	6	0-2	3-4	<u>5</u> -θ			
5	Combustion	3	0-1	2	3)			
	I am able to							
Nex Ke ave	Describe africopheric processes, eg, fa Greenhause Fiffeet a & the way in which the africophere has changed are four.							
	I need to improve							
Read	Reading questions was carefully							

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Section	Mark	Upgrade questions (to be completed)
1 - Greenhouse gases	6	<ul> <li>a) What is the composition of our current atmosphere</li> <li>b) State 3 different greenhouse gases and how these gases are produced.</li> <li>c) Describe how respiration causes an increase in greenhouse gases.</li> <li>d) Explain how photosynthetic organisms help reduce greenhouse gases.</li> </ul>
2 - The evolution of the atmosphere	6	<ul> <li>a) What process has help reduce the volume of CO<sub>2</sub> and increase the volume of O<sub>2</sub></li> <li>b) Explain how the earth's atmosphere keep the planet warm. (Use a diagram to help)</li> <li>c) Global warming is a major concern, explain global warming and how humans can help slow the process.</li> <li>d) Describe how to test for carbon dioxide.</li> <li>e) Compare our current atmosphere and the early atmosphere</li> <li>f) What have humans done to increase the levels of CO<sub>2</sub></li> </ul>
3 - Pollutant gases	9	<ul> <li>a) Explain, including a diagram, why CO<sub>2</sub> is a gas at room temperature.</li> <li>b) Draw a dot and cross diagram to represent O<sub>2</sub>.</li> <li>c) Define a strong acid</li> <li>d) Explain how an acid can be both strong and dilute at the same time.</li> <li>e) Explain how the levels of carbon dioxide were reduced</li> </ul>
4 - Carbon footprint	6	<ul><li>a) Define a polymer</li><li>b) Define hydrocarbon cracking</li><li>c) Why is it important to try and reduce the carbon cost of items?</li></ul>
5 - Combustion	3	<ul> <li>a) Draw an energy level diagram/reaction profile for an</li> </ul>



b) hydrocarbon + oxygen -> carbon dioxise + water
Complete combation hydrocator toxuga -> carbon monoxile toaton twater Incomplete combustion c) Exem, Cathe: Propose, C3 Hg. & d) An alkene is a hybreconter. That contain a cartan-ca double bond, 8 the second homologues series. A homologos series is a family of hydrocation, all sheing simila properties /8 with a genal formula 1/2 - for adeurs this is Cottan & for alkones lit's Cn #Hanta. e) (i) Banning the sale of 1 person & hissel gas by 2000, meaning consumer-scale for forcil-fel (ii) UK pour compared boming fooil feels are subject to the Caber Price of loor - tooking at &18/4 al CO2 eniffed.

(iii) In the Pois Demnit. Britain pleger Sitt. 660 between 2021/22 8 2025/26 fiscal years international climate from.