AQA, OCR, Edexcel

GCSE Science

GCSE Chemistry

Compounds and Mixtures Questions

Includes:

Atoms, elements and compounds Mixtures



Total Marks: /29

Atoms, elements and compounds	
Q1: What is an element?	
	(1 mark
Q2: Atoms in elements are represented by a chemical symbon of oxygen. Fill in the atoms with a chemical symbol.	ol. For example, O represents an atom
Oxygen= O Hydrogen = Calc	cium=
	(2 marks)
Q3: Some elements, for example hydrogen, exist as two ator called?	ns together. What are these
	(1 mark)
Q4: How are compounds formed?	
	(1 mark
Q5: How can it be determined if a chemical reaction has occu	urred?
	(2 marks
Q6: Give the chemical equation for the following compounds	S.
Water = Carbon Dioxide =	
Sodium Chloride =	

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27: How are compounds separa	ated into elements?
Лixtures	
Q8: Circle the definition of a mix	ture.
2 or more elements or compounds not chemically bonded together	Combination of 2 elements by chemical reaction
	(1 mark
Q9: Give 3 ways of physically sep L: 	
Q10: Give 2 differences between	
2:	
	(2 marks te a mixture of sand, salt and water. Draw and label a simple

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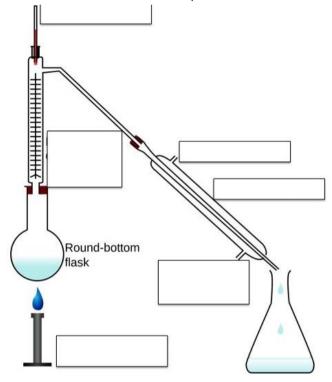
ii) How could the students separate the remaining salt from the water?

(1 mark)

Q12: How can scientists collect a solvent when separating it from the solid?

(1 mark)

Q13: Label the distillation set up shown below.



(6 marks)