

ELEMENTS, COMPOUNDS, AND MIXTURES WORKSHEET

Classify the following materials as pure substances or mixtures in the 2nd column. After that, in the 3rd column, further classify them. If the material is a pure substance, classify it as an element or compound. If the material is a mixture, classify it as a homogenous or heterogenous mixture.

Material	Pure Substance or Mixture?	Further Classification
Concrete		
Sugar dissolved in water		
Iron fillings		
Limestone		
Magnesium		
Acetylene		
Soil		
Chromium		
Salt dissolved in water		
Benzene		
Muddy Water		
Table Sugar		
Air		
Brass		
Helium		

ELEMENTS, COMPOUNDS, AND MIXTURES WORKSHEET

Classify the following materials as pure substances or mixtures in the 2nd column. After that, in the 3rd column, further classify them. If the material is a pure substance, classify it as an element or compound. If the material is a mixture, classify it as a homogenous or heterogenous mixture.

Answers

Material	Pure Substance or Mixture?	Further Classification
Concrete	Mixture	Heterogenous
Sugar dissolved in water	Mixture	Homogenous
Iron fillings	Pure Substance	Element
Limestone	Pure Substance	Compound
Magnesium	Pure Substance	Element
Acetylene	Pure Substance	Compound
Soil	Mixture	Heterogenous
Chromium	Pure Substance	Element
Salt dissolved in water	Mixture	Homogenous
Benzene	Pure Substance	Compound
Muddy Water	Mixture	Heterogenous
Table Sugar	Pure Substance	Compound
Air	Mixture	Homogenous
Brass	Mixture	Homogenous
Helium	Pure Substance	Element