

Separation Techniques Test Yourself 1

Key Words Word Search

O E J C A S U E L Z G E P S H
I F T V Q E A X G L D I E O A
H I D U Q K Q T R C B N Q L J
B S W O L A I T U Y A J G U K
T N E V L O S D T R I U T T L
L J G H E U S I O H A T H I L
O K I N S O L U B L E T K O G
R P R J L I F V P U M M E N F
K N Y U B L D E Y D K O G D Y
B X B U Q S E K W E N J E R X
V L L Z E E C N T W T I C W Z
E O J H Q T U Y E V T O W N S
S Z X W Q J P I S E L F F O V
S T V N H N M B U A Z N M Y M
Q U H Y Y P S L L Q I U E G J

insoluble

saturated

solubility

soluble

solute

solution

solvent

Rock Salt

Rock salt is a mixture of rock and salt. Rearrange the sentences to state how the salt can be separated from the pieces of rock.

The salt will dissolve.

Pour the salt water into an evaporating dish and heat gently.

Add warm water to the rock salt and stir.

The water will evaporate and the salt crystals will appear in the evaporating dish.

Filter the mixture, the salt solution will collect in the beaker and the pieces of rock will collect in the filter paper.

Filtration Missing Vowels

r _ s _ d _ _

f _ ltr _ t _

_ ns _ l _ bl _

s-l-bl-

l _ q _ _ d

Separation Techniques Test Yourself 1 Answers

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O E J C A S U E L Z G E P S H	
I F T V Q E A X G L D I E O A	
H I D U Q K Q T R C B N Q L J	
B S W O L A I T U Y A J G U K	
T N E V L Q S D T R I U T T L	
L J G H E U S I O H A T H I L	insoluble
O K I N S O L U B L E T K O G	saturated
R P R J L I F V P U M M E N F	solubility
K N Y U B L D E Y D K O G D Y	soluble
B X B U Q S E K W E N J E R X	solute
V L L Z E E C N T W T I C W Z	solution
E O J H Q T U Y E V T O W N S	solvent
S Z X W Q J P I S E L F F O V	
S T V N H N M B U A Z N M Y M	
Q U H Y Y P S L L Q I U E G J	

Rock Salt

Rock salt is a mixture of rock and salt. Rearrange the sentences to state how the salt can be separated from the pieces of rock.

Add warm water to the rock salt and stir.
The salt will dissolve.
Filter the mixture, the salt solution will collect in the beaker and the pieces of rock will collect in the filter paper.
Pour the salt water into an evaporating dish and heat gently.
The water will evaporate and the salt crystals will appear in the evaporating dish.

Filtration Missing Vowels

residue

filtrate

insoluble

soluble

liquid