Name: Score:

2 True/False questions

Term

What produces surface tension (why spiders can walk on water)?

Definition

cohesive

1 of 9

- True
- False

Term

___ is an attraction between molecules of the same substance.

Definition

cohesion

2 of 9

- True
- False

2 Multiple choice questions

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Term 3 of 9

Chemists devised a measurement system called the __ scale to indicate the concentration of H+ ions in solution.

- polar
- water
- cohesive
- pH

Term 4 of 9

Pure water has a pH of ___

- 14
- mixture
- universal
- 7

2 Matching questions

Water easily dissolves salt, sugars, minerals, gases, and even other

A. solvents

5-6 of 9

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____ such as alcohol.

B. cohesive

Water is extremely ____ because one water molecule can have four hydrogen bonds.

3 Written questions

Term 7 of 9

A ___ is a material composed of two or more

Term 8 of 9

The pH scale ranges from 0 to ___

Term 9 of 9

Two types of mixtures that can be made with water are ____ and ____.

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