

Name: \_\_\_\_\_

Score: \_\_\_\_\_

## 2 True/False questions

Term

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

Definition

cohesive

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 True False

Term

\_\_\_ is an attraction between molecules of the same substance.

Definition

cohesion

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 True False

## 2 Multiple choice questions

Term

Chemists devised a measurement system called the \_\_ scale to indicate the concentration of H<sup>+</sup> ions in solution.

- polar
- water
- cohesive
- pH

Term

Pure

water has a pH of \_\_\_\_

- 14
- mixture
- universal
- 7

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## 2 Matching questions

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

A. solvents

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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

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A \_\_\_\_ is a material composed of two or more

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Term

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The pH scale ranges from 0 to \_\_\_\_

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Term

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

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