

Chemistry: Quiz 7 (Chapter 9)

1. What are the two classifications of mixtures?
2. What is an example of a homogeneous mixture?
3. What is an example of a heterogeneous mixture?
4. What is the rule we learned about in class regarding what types of substances mix together?
5. What is unique about soap that allows it to clean grease?

Chemistry: Quiz 7 ANSWER KEY

1. What are the two classifications of mixtures?

Homogeneous and heterogeneous mixtures

2. What is an example of a homogeneous mixture?

Any evenly mixed solution. (i.e. salt water)

3. What is an example of a heterogeneous mixture?

Any uneven mixture (i.e. oil and water)

4. What is the rule we learned about in class regarding what types of substances mix together?

“Likes dissolve likes” (in other words, chemically similar substances mix together, while chemically different substances do not)

5. What is unique about soap that allows it to clean grease?

Soap is essentially soluble in both oil and water, so after mixing with the oil it can be washed away by the water