

Name: _____ Date: _____

Sorting Materials Into Groups

Q1. What are miscible liquids?

Ans. _____

Q2. What are immiscible liquids?

Ans. _____

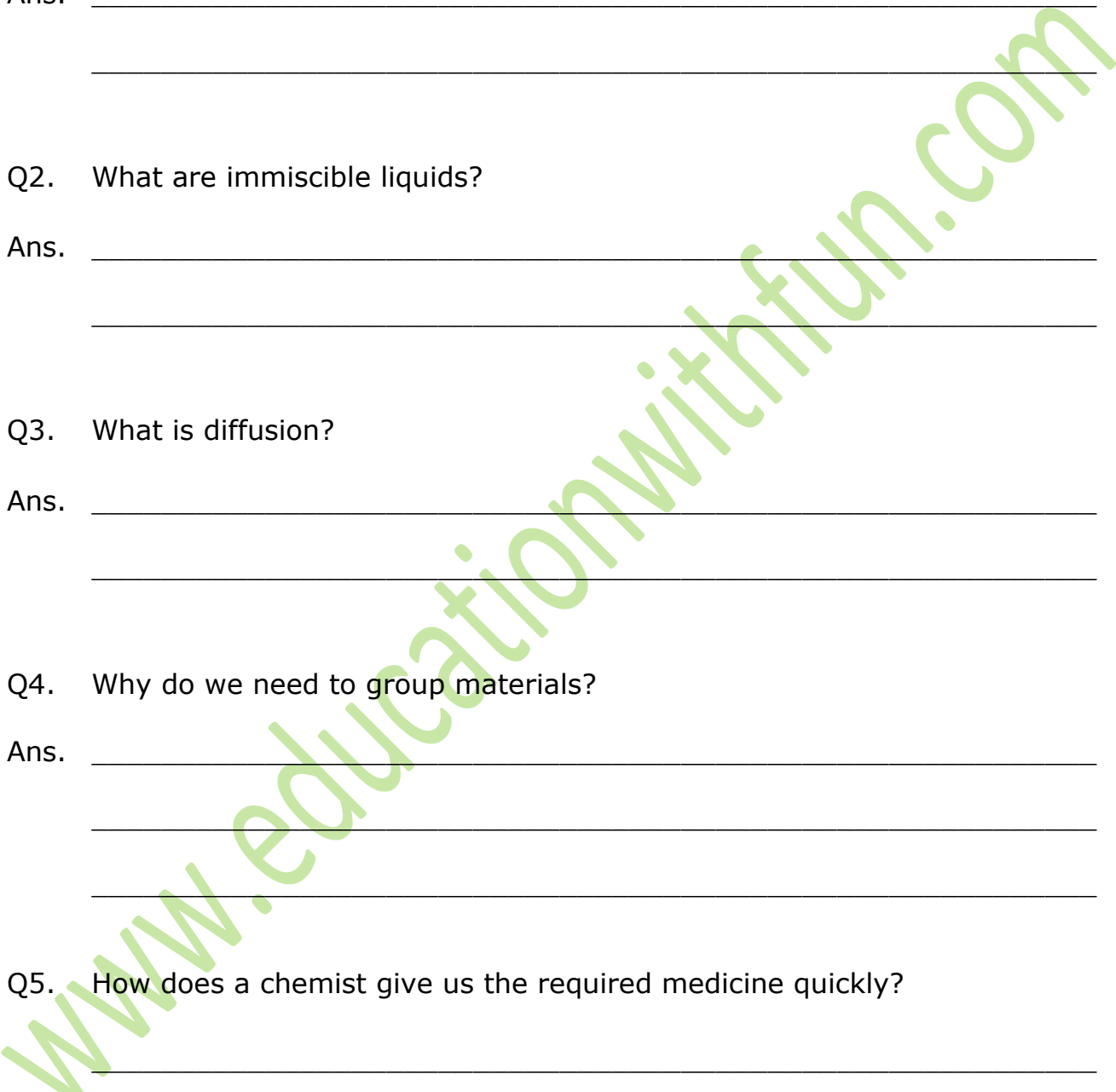
Q3. What is diffusion?

Ans. _____

Q4. Why do we need to group materials?

Ans. _____

Q5. How does a chemist give us the required medicine quickly?



Sorting Materials Into Groups

Q1. What are miscible liquids?

Ans. The liquids which dissolve in water are called miscible liquids. Example: vinegar, alcohol, milk, etc.

Q2. What are immiscible liquids?

Ans. The liquids which do not dissolve in water are called immiscible liquids. Example: kerosene oil, coconut oil, petrol, diesel, ether etc.

Q3. What is diffusion?

Ans. Diffusion is the tendency of molecules to spread out in order to occupy an available space.

Q4. Why do we need to group materials?

Ans. We group materials to study their properties and also to observe any patterns in them. Grouping of material saves our time, energy and makes our work easier.

Q5. How does a chemist give us the required medicine quickly?

Ans. All related medicines are kept together on a proper place after sorting. This sorting of medicines in a chemist shop makes it easy for the chemist to give us the required medicine quickly.