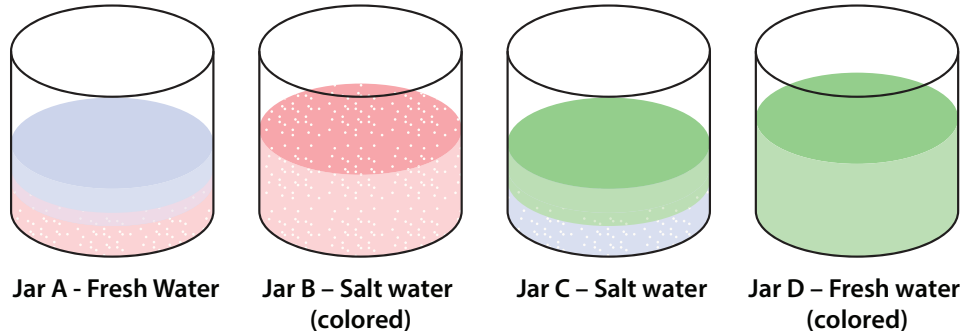


Answers

1. How many layers formed? 2 layers
2. Which layer is salty? the bottom layer
3. Are the layers completely separated? What happens where they meet? they mix
4. Draw the results of the demonstration.



Review Answers

1. What is the difference between fresh water and salt water?

Fresh water is naturally occurring with only a small amount of salt. Salt water contains over 3.47% dissolved salts.

2. Why is salt water denser than fresh water?

Salt water is denser than fresh water because the extra salt results in a greater mass.

3. What happens when fresh water meets salt water? What type of water is this called?

When fresh water meets salt water, they mix and this is called brackish water.

4. Fill in the definitions in the vocabulary box below.

Vocabulary	
fresh water	Fresh water is naturally occurring water with low salt levels.
brackish water	When fresh water meets with ocean or seawater, as in an estuary, brackish water occurs.
salt water	Water containing 3.47% or more of dissolved salts.
salinity	The amount of salt dissolved in water.
density	The amount of particles in a given substance or space. Density = mass/volume