

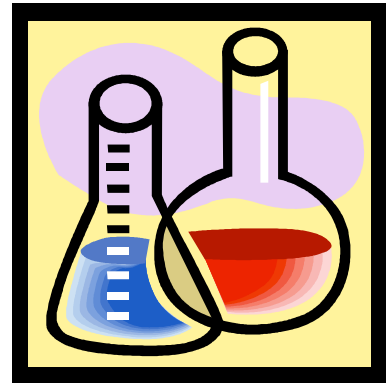
## Will They Mix?

The teacher sets up two containers with the same amount of water in each. One has fresh water in it and blue food coloring. The second has salty water and red food coloring. She is planning to slowly and carefully pour the fresh water into the container with the salty water in it.

What do think will happen after the container sits for awhile?

Circle your prediction:

1. The top will be primarily red (salty water) and the bottom will be primarily blue (fresh water).
2. The top will be primarily blue (fresh water) and the bottom will be primarily red (salty water).
3. The colors will mix and make purple (mixed fresh and salty water).



Explain your thinking: