

- A ball floats in a beaker of water. The ball sinks in a beaker of mineral spirits. The mineral spirit will float above the water when poured slowly on top of water. If the ball is floating on the water  $\frac{2}{3}$  of the way under the water, what will happen to the ball when mineral spirits is slowly poured on top of the water?

Relative to the top of the liquid,

- 1. The ball will go down.
- 2. The ball will go up.
- 3. The ball will stay at the same level.

