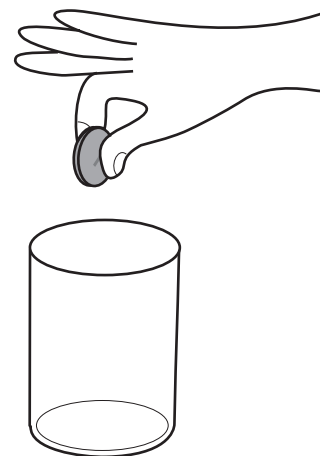


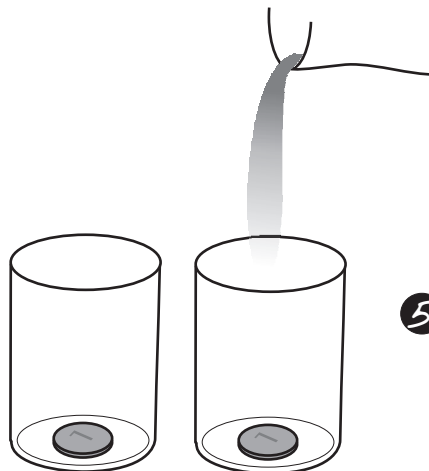
1 Place a glass on a coin.



2 Put the other coin inside the second glass.

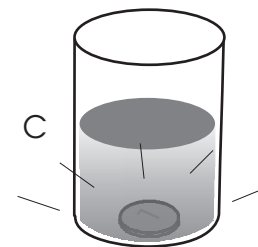
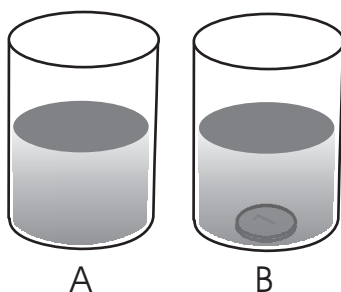


3 Fill both glasses with equal amounts of water.



5 Now lift the first glass. Place a few drops of water on the coin before placing the glass back. Magically the coin will reappear!

4 On pouring water the coin underneath the first glass will disappear. The second coin will still be visible.



Water and glass have almost the same refractive index. So, when a water drop is placed on the coin as in (C), it simulates the conditions in (B) and the coin becomes visible.