

✦ ✦ BOTTLE OF WATER

Two travelers in a desert land have been given an eight-liter bottle of water. Since they will be going in different directions, they want to divide the water equally, so they will each have four liters. However, all they have with them for the purpose of measuring are two containers, one of which holds five liters, and the other three liters.

At first it seems impossible to make an even division of four liters each by using the three containers on hand, but they finally manage to do it. How do they do this?

