

## FLOAT OR SINK?

Find out if lemons and limes behave the same way in water.

### WHAT YOU NEED

A bowl of water

Two lemons and two Persian limes (all about the same size)

A peeler

### DIRECTIONS

- 1) Drop the whole lemons and limes into the bowl of water. Do they float or sink?
- 2) Peel the lemons and limes. Look at the rinds. The rinds of the lemons should be thick, while those of the limes should be thin.
- 3) Drop the peeled lemons and limes into the bowl of water. Do they float or sink?
- 4) Record your findings below. (Tick the boxes accordingly.)



	Float	Sink
Whole lemons		
Whole limes		
Peeled lemons		
Peeled limes		

### WHY DOES IT HAPPEN?

Limes sink as they are said to have a greater density than lemons. In other words, they have more flesh packed in every segment.