

Water Weights

You need a litre measuring jug water scales
 a plastic bag string or a rubber band

Activity One

- Fill a measuring jug with 1 litre of water and pour this water into a plastic bag.
- Tie the bag with string or a rubber band to make sure the water does not leak out.
- Weigh this bag of water on the scales.

How much does 1 litre of water weigh in kilograms?



Activity Two

Jonty goes tramping in the mountains. He has to carry all his water with him in his backpack.

He puts his water into these containers to carry it.

How much will all the water in Jonty's backpack weigh in kilograms?



Activity Three

Rita's teacher told her that two-thirds of a human body's weight is made up of water. Rita thinks, "I weigh 30 kilograms, so I must have 20 litres of water in my body."

1. Is Rita right?
2. How do you know?

