

BLM Mod.3.5#6: Bath Versus Shower

Question

- Which uses less water, a bath or a shower?

Materials

- waterproof adhesive tape
- two-litre plastic container
- bathtub with shower

Method

- Calibrate the tub by pouring exactly 20 litres of water into it.
- Mark the top of the water level.
- Add another 20 litres and again mark the top of the water level.
- Repeat this process until the tub is nearly full.
- Empty the tub to the level where a person would normally fill it with water for a bath. Record the number of litres this represents. Empty the tub.
- For the next few days, plug the tub when you take showers. Ask other family members to do the same.
- After a normal shower time, record the amount of water that accumulated in the tub (once the person is out of it) next to the family member’s name.

Bath Versus Shower: Data-Recording Chart

Amount of water used for bath (litres) _____

Date	Amount of Water Used for Shower (Litres)			
	Me	Person A	Person B	Person C

What can you conclude about the amount of water you and your family use in bathing and showering?