

Water saving tips

13.1.1 Answer the question and list out the calculation steps.

Activity	Water consumption
Showering	15 ~ 20 L/min
Washing faces, brushing teeth	6~10 L/min
Traditional Water closet	9 ~12 L
Washing clothes by machine	35 L/kg

Siu Keung lives with his father, mother and sister in a residential building with 240 flats. Every day, Siu Keung spends five minutes to wash his face and brush his teeth on average. He takes shower for about fifteen minutes. He goes to washroom ten times a day. Siu Keung's mother washes a basket of clothes which is around 1.5 kg by washing machine every day.

Assume the water consumption of all members in this family are the same (the water consumed for washing hands is neglected). How much water does this family consume daily? Assume all flats in this building are 4-persons family and share the same water consuming pattern with Siu Keung's family. How much water does the residents living in this building consume per day?

Please write down all the calculation steps.

A. What is the daily water consumption of Siu Keung? (excluded the water consumed for washing cloths)

B. What is the daily water consumption of Siu Keung's family for washing clothes?

C. What is the daily water consumption of Siu Keung's family?

D. What is the daily water consumption of residents living in thist building?



**13.1.2 Please answer the following questions.**

A) Which of the two reservoirs in Hong Kong are called “Reservoir in the Sea”

B) What is the major source of water supply to Hong Kong?

C) What do the reservoir stores apart from the rainwater?

D) Suggest how can we reuse water in our daily life?

E) Please list the reasons for water wastage, and how it could be reduced.

Reasons of wasting drinking water	Solution

13.1.2 Make your own "Water saving pledge"



I will use water wisely.



Oh! No!
I will turn off the tap after use.

I will re-use rice-rinsing water for watering plants.



No!

I will never use freshwater for fun.



I will take shower instead of having a bath.



I will only use washing machine for a full load of clothes.

I believe I will not be a big spender of natural resources!

Signature: _____

Name: _____

Date of Signature: _____