

1. a) FIND your water meter at home. Write down the water reading and check it again at exactly the same time in one week. Take the second reading away from the first. How much water (in kilolitres) did your household use in one week?

b) If water costs 85 cents a kilolitre, how much will this cost?

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2. a) If Sophie, Nik and Tye used 100.5 kilolitres over a 3-month period (with 31 days each month), what was their average daily water usage?

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b) If water costs 75 cents per kilolitre, how much is the water bill?  
(Hint: multiply kL by 0.75 to get an answer in dollars.)

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c) If the previous bill had been \$101.45 for the same number of days, were they using less or more water?

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3. Here are some estimates of how much water is used in everyday activities:

<b>Toilet</b>	Full flush	10 L
	Half flush	5 L
<b>Cleaning teeth</b>	Tap on	5 L
	Tap off	1 L
<b>Bath</b>	Full	180 L
<b>Shower</b>	Per minute	15 L
<b>Slightly dripping tap</b>	Per day	30 L

How many litres of water is used if:

- a) three members of a household have a 7-minute shower each morning for a week? -----
- b) five members clean their teeth twice a day with the tap on for a week? -----
- c) five members clean their teeth twice a day with the tap off for a week? -----
- d) a tap is left slightly dripping for two weeks? -----