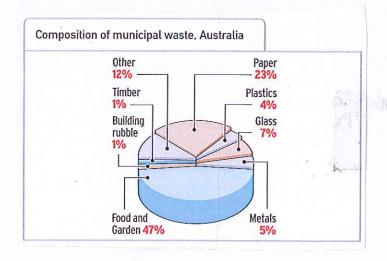
## Study the sources and answer the questions which follow. TOTAL\_\_\_/27

## Source 1 "composition of municipal waste, Australia" (4)



1. Which 2 areas create the most waste?

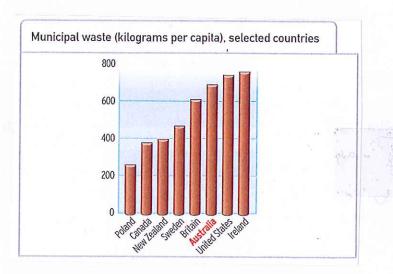
i)	(1/2)
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- 2. What percentage does timber contribute? \_\_\_\_\_ (1/2)
- 3. What proportion of waste is accounted for by paper? \_\_\_\_\_ (1/2)

(3)

4. Suggest one reason why this might be so. (2)

Source 2



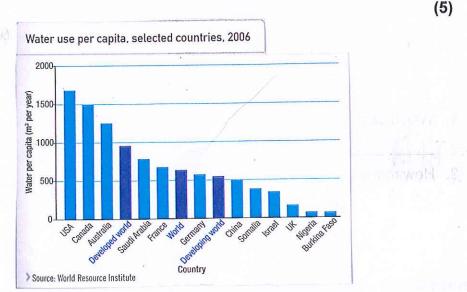
1. W	hich country generates most wa	aste?	_ (1)	
2. Co	ompare Australia's per capita m	unicipal waste with the other c	ountries	
show	vn?	ry Isaye aran da malkarantee	(2)	
	rce 3 (Major Atmospheric Poll	utants)	(10)	
	lutants and their impacts on people's health			
Pollutant Carbon monoxide (CO)	Principal sources  Motor vehicles and the combustion (burning) of	Impacts on health		
	fossil fuels	Carbon monoxide is a toxic gas with no odour or central nervous system and heart. Symptoms of and dizziness.		
Sulphur dioxide (SO <sub>2</sub> )	Coal-burning power stations. Some manufacturing processes	Sulphur dioxide acts as an acid. Inhalation result and/or a sore throat and may cause permanent p contact with eyes, redness and pain will occur.		
Volatile organic compounds (VOCs)	Motor vehicles and the combustion (burning) of fossil fuels	VOCs can irritate people's eyes and skin. They can Some are known cancer-causing agents.	n cause headaches and nausea.	
Particulates	Motor vehicles and the burning of plant material (especially bushfires)	Particulates irritate existing respiratory diseases.	Some are known causes of cancer.	
Lead (Pb)	Motor vehicle exhausts (prior to the introduction of unleaded petrol)	Lead is a poisonous metal compound that can be damage nerve connections (especially in young clasorders.	absorbed through the lungs. It can hildren) and cause blood and brain	
Ozone (O <sub>3</sub> )	Motor vehicles and industry	High concentrations of ozone can harm lung func system	tion and irritate the respiratory	
Nitrogen dioxide (NO <sub>2</sub> )	Fuel combustion	Nitrogen dioxide irritates people's lungs and throa	its.	
6.6.01 Atmospheric p	ollutants have a range of impacts on people's	s health.		
1	. What is carbon dioxide?			
*			(1)	
2	List the pollutants from motor	vehicles	(2 ½)	
3	***	veriloles,	(2 /2)	
	i)			
	ii)			
	iii)	+ -		
	(iv)			
	v)	· ·		
4	. List the pollutants which affect	t the lungs/respiratory system	(2 ½)	
	i)			
	ii)	e a la compa		
	iii)			
	iv)			

Identify 4 other health issues which can arise from atmospheric pollution:

i) \_\_\_\_\_\_ iii) \_\_\_\_\_

ii) \_\_\_\_\_\_ iv) \_\_\_\_\_

Source 4



Which countries are the biggest consumers of water? Developed or less developed countries? \_\_\_\_\_\_(1)

2. Suggest one reason why this is the case. (2)

 Compare Australia's per capita consumption with the average for the developed and developing world. (2) Source 5

**6.7.32** Countries of the developed world have high per capita levels of water use.

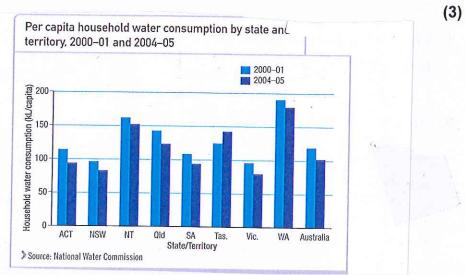
(2)

Sector	Amount used (gigalitres)	Percentage of total
Agriculture	12 191	65
Household	2 108	11
Water supply industry	2 108	11
Other industries	1 059	6
Manufacturing	589	3
Mining	413	2
Electricity and gas	271	1

1. Which sector is the biggest consumer of water?

How many gigalitres of water did households use in 2005? \_\_\_\_\_

Source 6



1. Which states or territories use the most water?

2. Which states or territories use the least?

 Name the only state to experience an increase in per capita water consumption between 200-01 and 2004-5.