Our wonderful world

Our world is amazing. It's home to wonderful places, animals and things.

1 Although some people don't think snakes are wonderful, almost everybody is fascinated by them.

The table below shows the lengths of some of the world's longest snakes.

Type of snake	Length (centimetres)
anaconda	852
Indian python	759
king cobra	584
giant brown	342
rattlesnake	273

a If the two shortest snakes were lined up nose to tail, what would be the total length?

b What is the total length of the Indian python and the king cobra?

c If you were two rattlesnake lengths away from a rattlesnake's tail, how close would you be?

d If all the snakes in the list werelined up nose to tail, would the line stretch further than 20 metres?

e The longest snake in the world isn't listed in this table.Try to find out its name and length.

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2 One thing that makes our world a little less beautiful is the amount of rubbish we create. The table below shows how much rubbish is produced per person per year in each of the top six rubbish-creating countries.

Country	Rubbish per person per year (kilograms)
Ireland	802
Norway	802
USA	762
Denmark	740
Switzerland	701
New Zealand	689

a What is the total amount of rubbish produced per person for the USA and New Zealand?

b How much rubbish does a family of three New Zealanders produce per year?

c What is the total amount of rubbish produced by a person from each of the three English-speaking countries?

d Look at the bottom three countries. Is the total amount produced per person more or less than two tonnes per year?

e Write a few sentences suggesting ways that New Zealanders could reduce the amount of rubbish produced each year.

3 This table shows the top fi ve widest waterfalls in the world.

Waterfall name	Country	Width (metres)
Kongou Falls	Gabon	3200
Livingstone Falls	Democratic Republic of the Congo	4828
Pará Falls	Venezuela	5608
Khône Phapheng Falls	Laos	10 783
Celilo Falls	USA	3219

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a Order the list from widest to narrowest.

b If you crossed the Livingstone and Pará falls, what distance would you have covered?

c Is the total width of the Kongou, Celilo and Livingstone falls more or less than the width of the Khône Phapheng Falls?

d Which waterfalls are more than fi ve kilometres wide?

e Find the total width of the five waterfalls.

f One of the world's most famous waterfalls is on the border of Canada and the USA. Findout its name and its width.

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