

Further problems

- 1 These questions will really help the team prove their case against Log Inc.

One of the main reasons for logging is to provide wood for the paper industry.

Newspaper paper is called newsprint; it is generally made from 60% new wood pulp and 40% recycled newsprint.

One of the UK newspapers sells about 800 000 copies every day from Monday to Saturday.

On average the paper weighs about 300 g each day.

- A The newspaper's **weekly** circulation requires about

..... **kg new wood pulp**

- B The average mass of the trunk of a mature rainforest tree is about 2500 kg.
10% of it is bark.

Assuming that the rest is all turned into new wood pulp - approximately how many mature trees need to be felled **each year** to provide new wood pulp for the newspaper?

..... **trees**

- C Each hectare (10 000 m²) of rainforest produces about 200 mature trees.

Can you estimate the total area of deforestation (the cleared area) created each year to provide the wood pulp for the annual sales of one newspaper.

..... **m²**

- D Is there another question you could ask? How would you answer it?