

Write your estimates of:

- The number of mature trees felled by Log Inc each year: **trees**
- The area of rainforest cleared by Log Inc each year: **m²**

Additional homework

Deforestation in rainforests is partly due to space being cleared for cattle ranches. One cow needs about 1000 m² of grazing land and yields about 800 kg of beef.

- A** Use your estimate of the area of rainforest cleared by Log Inc each year. Assume that this area is going to be turned into a cattle ranch. All the beef is used to make 100 g burgers.

Complete this sentence:

If **m²** of rainforest cleared by Log Inc became a cattle ranch, the ranch would support enough cattle to make about **burgers** every year.

- B** One fast food chain claims that they make more than 75 burgers per second. How many burgers is this per day?

..... **burgers**

- C** How many cattle are needed to provide beef for burgers for one day for the fast food chain?

..... **cattle**

- D** Cattle are slaughtered for beef when they are 1 year old.

How many cattle are needed to provide beef for one year for the fast food chain?

..... **cattle**

- E** How many square metres of grazing land (possibly cleared rainforest) do these cattle need?

..... **m²**