Water boiling prediction

1. Calculate the time it will take to boil water if you place 1 liter of water into a 1000 Watt microwave.

A. Calories needed (initial temperature to boiling x volume in grams)

B. 1000 Watts = \*\*\*\*\*\* cal/min

A/B = minutes

2. Calculate the grams per minute of wood that have to be burning in order to boil water in 10 minutes.

1. Calories needed to boil 1 liter of water
2. Calories per gram in wood when burnt
3. 10 minutes

(A/B)/C = grams of wood