



How big is the Greenland ice sheet?

For this exercise you will need a calculator and an atlas

Question 1: The area of the Greenland ice sheet

The ice sheet has an area of $1.799.850 \text{ km}^2$. How many times bigger than your country do you think that is? Write down your guess, you will calculate it in a moment.

Find the area of your country in km^2 and calculate how many times bigger the ice sheet is this than your country.

Question 2: The length of the ice sheet

The ice sheet stretches from north to south for 2.400 km. If you place it on top of a map of Europe starting on the border between Germany and Denmark how far south would it cover Europe?

Question 3: The width of the ice sheet?

The ice sheet is 950 km wide. If you measure 950 km from the border between Germany and Denmark how far south will you reach?

Question 4: The thickness of the ice sheet?

The ice sheet is about 3 km thick in the middle. How much is this if you compare with the distance to your school?