Math Challenge

Air Pollution Data Collection

First, collect some data points on gas-burning cars, electric cars, emissions, and air pollution in your city.

How many gas-burning (non-electric) cars drive in your city?
Your city name:
The number of gas cars:

How many electric cars or alternative fuel cars drive in your city?
Your city name:
The number of electric cars:

How much CO_2 does the average gas-burning passenger car emit per year?

How much air pollution is being added to your city on average every year?

What do you estimate the impact of air pollution if 90% or more drivers chose and drove electric cars?

Send your results to Eco Hero Kids for your Math Badges.