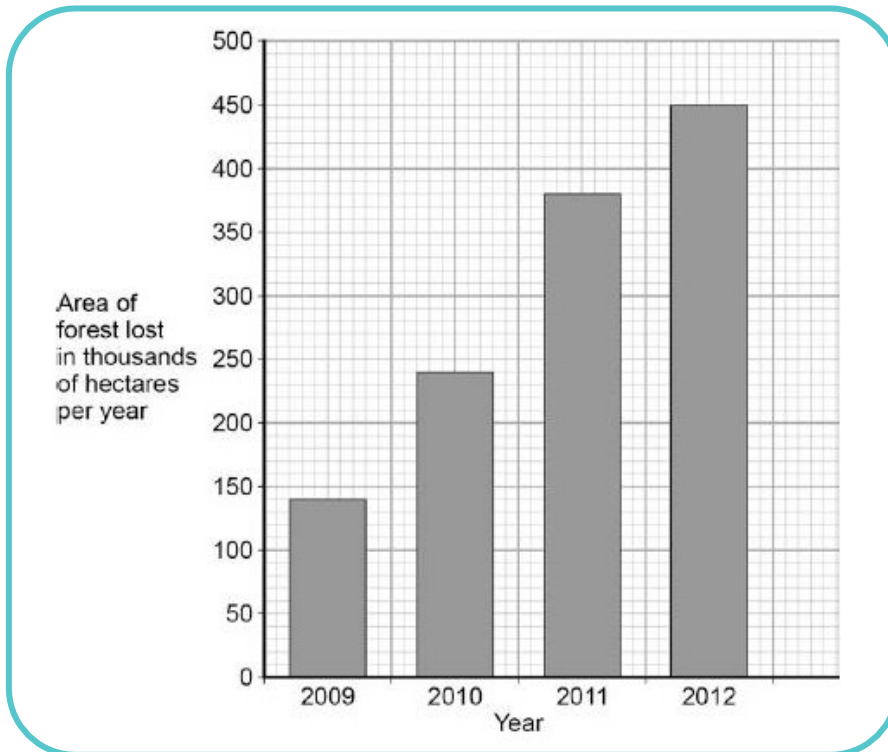




Interpret graphs and answer questions related to deforestation

Task 1: This graph shows the area of forest lost in Madagascar from 2009 to 2012.



(A) The area of forest lost each year in Madagascar increased between the years 2009 and 2012. Determine the total area of forest lost from the start of 2009 to the end of 2012.

(B) What are the possible reasons for the change in the area of forest lost per year between 2009 and 2012? Tick two boxes.

- The local people stop growing rice
- Fewer new houses are needed for the population
- The local people decided to farm cattle
- More trees have been planted
- A company starts growing plants for fuel



(C) More forest was lost in 2012 than in 2009. Use words from the box to complete the sentences.

carbon dioxide	excretion	nitrogen
oxygen	photosynthesis	respiration

- The increase in the area of forest lost has caused an increase in the gas _____
- The increase of this gas has been caused because less of the gas is being absorbed by plants for the process of _____ .

(D) Deforestation can have negative effects on our ecosystems. What are the negative effects of deforestation? Tick two boxes.

- Animals and birds migrate because there is less food
- More habitats are destroyed
- There is less acid rain
- There is more biodiversity
- The global temperature decreases

(E) Scientists try to reduce the negative effects of human activity on our ecosystems. One way is to protect rare habitats. Give one other way of reducing the negative effects of human activity on our ecosystems.

Task 2: Complete the following sentences:

(A) The increased population means that more _____ are being used and more _____ is being produced, which leads to _____.

(B) More land is also being used for _____, _____, _____ and _____.

(C) In addition, trees are being cut down so there is more room for _____ and crops for _____ and _____.