

Name: _____

Alameda County Air Quality

Directions: Read the statements below and answer the questions and prompts for each statement..



Carbon dioxide (CO₂) is the dominant greenhouse gas that causes climate change.

What else do you know about climate change?

Burning fossil fuels—coal, oil and natural gas—is the main source of human-produced CO₂ emissions.

Why do we burn fossil fuels?



Controlling CO₂ emissions from personal vehicles is key to addressing global warming.

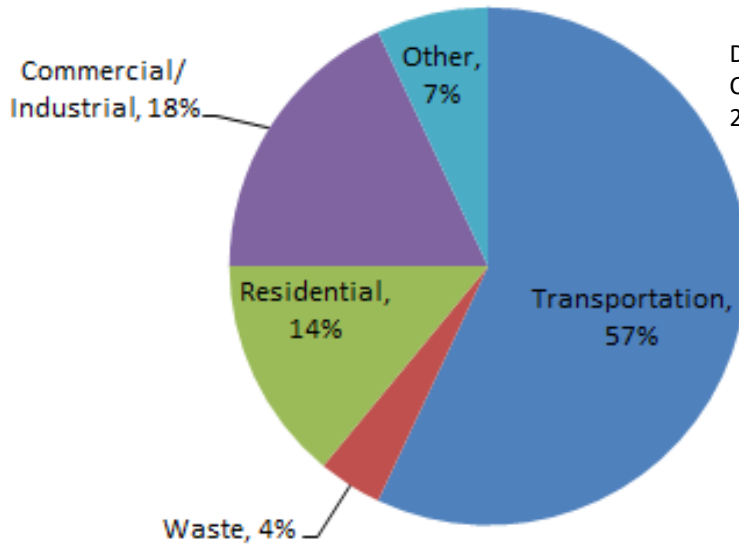
List things that you can do to reduce your CO₂ emissions.



Alameda County Greenhouse Gas Emissions



Directions: Use the pie chart to answer the questions below.



Data from: Alameda County Community Greenhouse Gas Emissions 2005 Roll-up Inventory

1. What percent of Alameda County's greenhouse gas emissions are from transportation?

2. What fraction of Alameda County's greenhouse gas emissions are from transportation? Hint: Percent means "out of 100."

3. What percent of Alameda County's greenhouse gas emissions are from waste? Write this percent as a decimal.

4. What percent of Alameda County's greenhouse gas emissions are from waste? Write this percent as a decimal.

5. What percent of Alameda County's greenhouse gas emissions are from residences? Write this percent as a decimal.

6. Do more of Alameda County's greenhouse gas emissions come from waste or residences? How much more?
