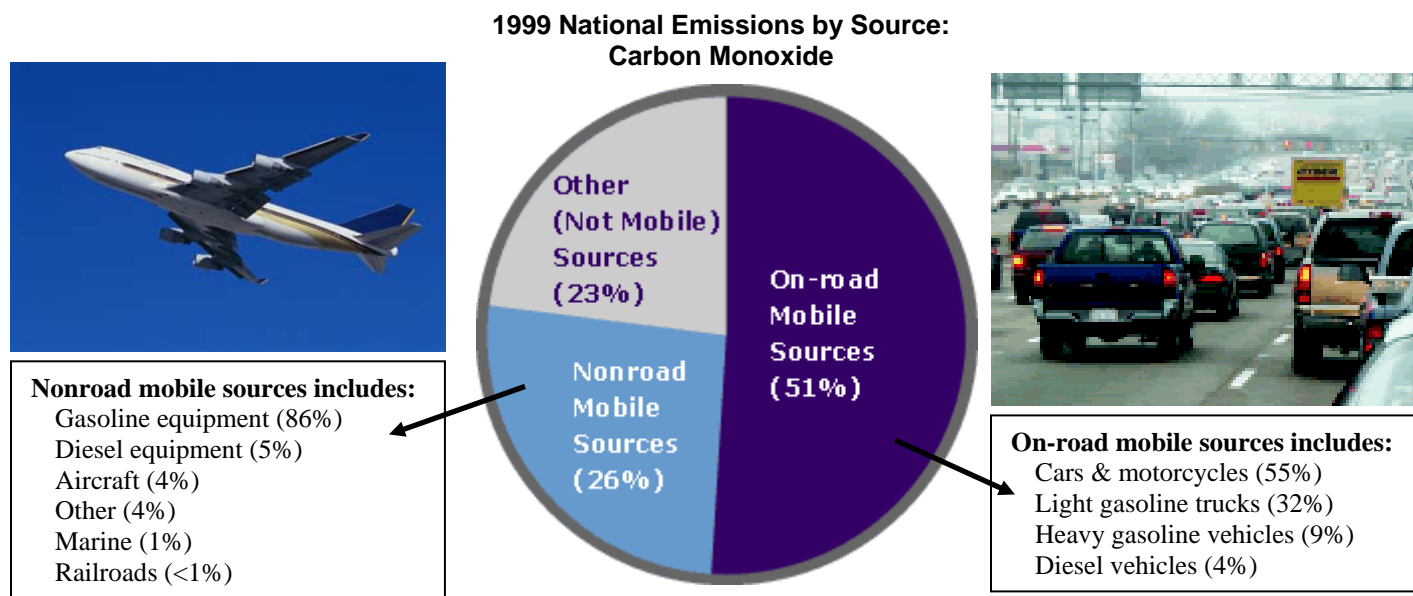


Carbon Monoxide Emissions Worksheet

Refer to the pie chart below and answer the following questions. Show your calculations.

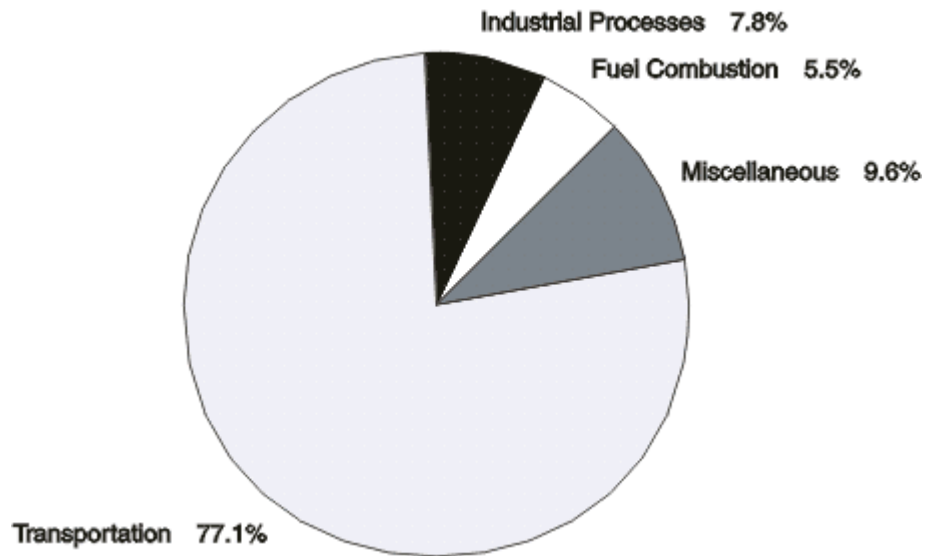


1. What percentage of carbon monoxide enters the atmosphere from transportation?
2. In 1999, 90 million tons of carbon monoxide were emitted by the U.S. How much carbon monoxide was emitted into the atmosphere from automobiles (on-road vehicles) by the U.S.?
3. What types of transportation and equipment do you and your family use that pollute the air with carbon monoxide emissions?

Source of graph on this page: Mobile Source Emissions - Past, Present and Future, U.S. Environmental Protection Agency, <http://www.epa.gov/otaq/invtory/overview/pollutants/carbonmon.htm#>. Accessed November 2, 2004.

Refer to the pie chart below and answer the following questions. Show your calculations.

National CO Emissions by Source Category, 1999



4. What percentage of carbon monoxide enters the atmosphere from industrial plants?
5. In 1999, 90 million tons of carbon monoxide were emitted by the U.S. How much carbon monoxide enters the atmosphere from fuel combustion?
6. In what ways do engineers help to reduce the carbon monoxide emissions from vehicles?

Source of graph on this page: Air Trends – 1999 Report on National Air Quality and Emissions Trends, Figure 2-4, U.S. Environmental Protection Agency, <http://www.epa.gov/air/airtrends/aqtrnd99/>. Accessed November 2, 2004.