

CO₂ Emissions = f(time)

Here is some data from the World Almanac on the carbon dioxide (CO₂) emissions during the past decade measured in millions of metric tons: 1990, 1340.3, 1995, 1416.5, 1996, 1466.2, 1997, 1486.4, 1998, 1494.0. Model CO₂ emissions as a function of time. Extrapolate to estimate CO₂ emissions in 2010. Use the inverse function to predict in what year the emissions would be double the 1990 level.

