

Module 5. Exponential & Logarithmic Models

PROBLEM:

A study done by the Science and Technology Bureau in the United States in 1972 estimated the cost of reducing the gas emissions by automobiles in certain percentages, as shown on this table:

Emission	Cost per car
reduction (%)	(\$)
50	45
55	55
60	62
65	70
70	80
75	90
80	100
85	200
90	375
95	600

Define a model in GeoGebra or Desmos to predict the cost per car if the reduction is of 100%.