

N Mosquitos



Mosquito populations are often affected by the amounts of rainfall and changes in weather patterns. At the beginning of the season, the Mosquito Control Center sampled the population and estimated the number of mosquitos in the area they study to be 7,085,298,000. The table shows the increases and decreases that occurred during the season.

1. Complete the table.

Mosquito Population

	Change in Population	New Population
A.	Increase of 20,000	
B.	Decrease of 9000	
C.	Increase of 500,000	
D.	Decrease of 500,000	
E.	Increase of 1,000,000	
F.	Increase of 7000	
G.	Decrease of 30,000	
H.	Increase of 1,000,000,000	
I.	Decrease of 50,000,000	

2. Write the mosquito population at the beginning of the study in words.

3. Explain how you solved Question 1D and Question 1F.

4. In another district, the mosquito population is about ten times as large at the beginning of the season. About how many mosquitos are in this area? Show or tell how you know.