

EXPLORING POPULATION

Part A: Complete the tables below.

1. Our Town

Year	Census Population
1960	
1970	
1980	
1990	
2000	
2010	

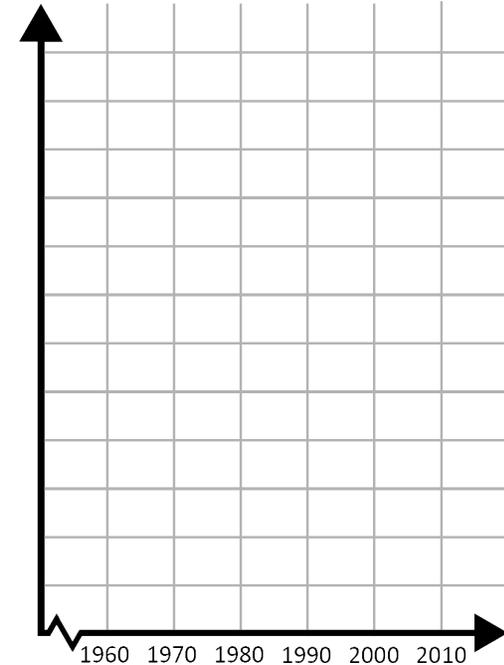
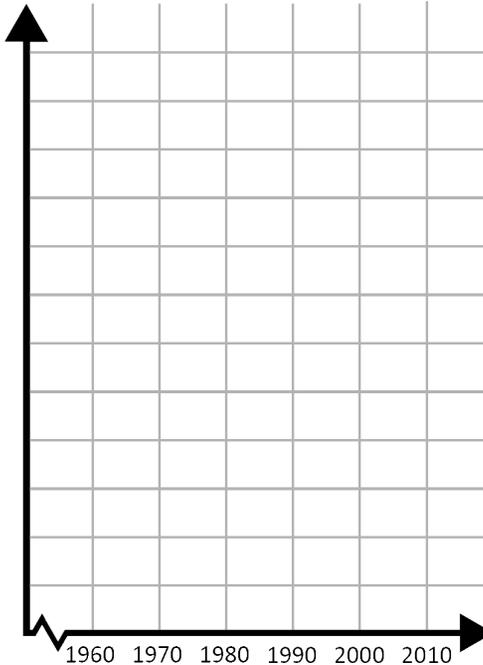
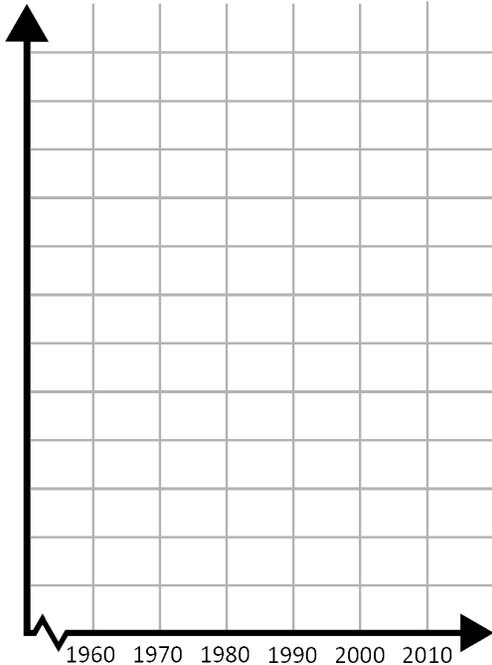
2. Our State

Year	Census Population
1960	
1970	
1980	
1990	
2000	
2010	

3. Our Country

Year	Census Population
1960	
1970	
1980	
1990	
2000	
2010	

Part B: Plot the data from Part A. Use a colored pencil and straight edge to connect each point creating a line graph.



Part C: Use the data from Parts A and B to estimate the populations for the years below.

1. Our Town

Year	Census Population
1965	
1975	
1985	
1995	
2005	

2. Our State

Year	Census Population
1965	
1975	
1985	
1995	
2005	

3. Our Country

Year	Census Population
1965	
1975	
1985	
1995	
2005	

Explain how you found these estimates.

Part D: Use a different colored pencil to plot the values you found for each of the years in Part C on the graphs you made in Part B.

What do you notice about these points?

Part E: Conclusions

What must be true about the year you are estimating the population for to use your method from Part C?

- Definition:

- Formula: