

Field Log - Frantic Franchise Answer Key

Step One: Click on Springfield to learn more about its population. You need to figure out how many children between the ages of 1 and 9 are living there. Read through the Population Report under the City Description tab.

Write the total population of Springfield here: 93,343

Step Two: Click on the histogram or line graph tab next to learn some population information based on age ranges. The 1 - 9 age group is broken into two age ranges, 1 - 4 and 5 - 9 so you will need to gather information about both.

Write the approximate percentage of people who are between 1 - 4 years old: 4%

Write the approximate percentage of people who are between 5 - 9 years old: 7%

Write the approximate total percentage of 1 - 9 year olds living in Springfield: 11%

Step Three: Click on the table view or the pie chart tab next to view more precise data.

Write the percent, to the nearest tenth, of people age 1 - 4 living in Springfield: 4.7%

Write the percent, to the nearest tenth, of people age 5 - 9 living in Springfield: 7.6%

Write the total percent, to the nearest tenth, of people age 1 - 9 living in Springfield: 12.3%

Step Four: Find the number of children, age 1 - 9, who are living in Springfield.

Note: Percentage of Children X Total Population = Number of Children

Convert the percent to a fraction or decimal then multiply by the total population. Round to the nearest whole number.

$$\boxed{.123} \times \boxed{93,343} = \boxed{11,481} \text{ Number of Children in Springfield}$$

Step Five: Repeat the steps above for each of the remaining four towns.
Write your responses in the spaces below.

3712 Number of Children in Fictitious

1768 Number of Children in Spurious

2420 Number of Children in Figment

38,751 Number of Children in Counterfeit

Step Six: Draw a circle around the town that should be selected as the new site for Yummies. Remember, you are going to suggest the town with the **least** children age 1-9 in it.

Springfield Fictitious Figment Spurious Counterfeit

Sum it Up: Make a list of the math terms or formulas you used to find the number of children in each town.

Answers will vary: percent, fraction, decimal, histogram, pie graph, table are all possible responses