

Mission Simulation - Yummy's to Gummy's Answer Key

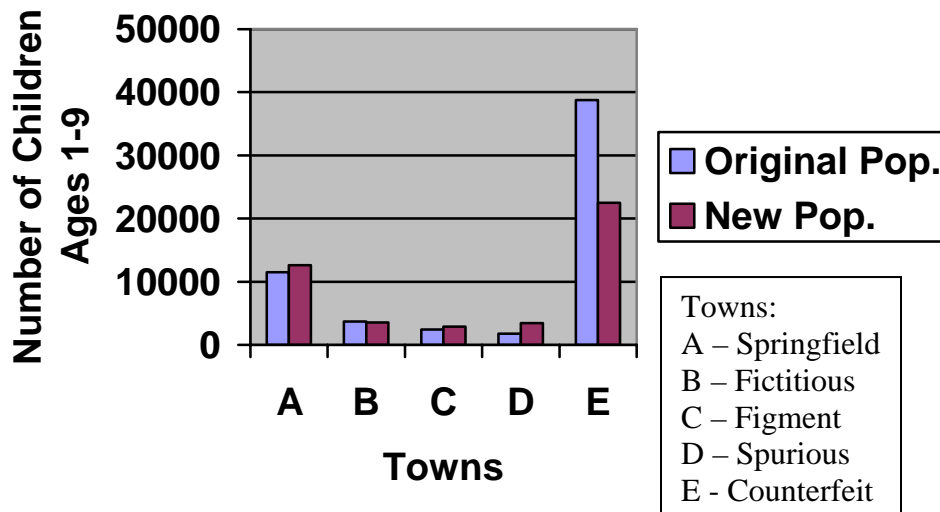
It has been just three years since the demise of Yummy's and it seems that Dr. Wick is up to his old tricks. He has requested a recount of all of the children age 1-9 in the towns of Springfield, Fictitious, Figment, Spurious, and Counterfeit. It seems he has hatched a scheme to open a candy store called Gummy's in the town with the most children ages 1-9. Platypus has gathered the information below.

Step 1: Using the information in the table below, calculate the new population for each town.

Town	Original Population Children Aged 1-9	Population Change	New Population Children Aged 1-9
Springfield	11,481	10% increase	<u>12,629</u>
Fictitious	3,712	5% decrease	<u>3,526</u>
Figment	2,420	20% increase	<u>2,904</u>
Spurious	1,768	95% increase	<u>3,448</u>
Counterfeit	38,751	42% decrease	<u>22,476</u>

Step 2: Construct a double bar graph comparing the new and the old population of each town. Remember to include a key, a title and labels.

Population Comparison



Step 3: Which town should Dr. Wick's candy store be built in? Remember, he wants to know which town has the most children but you will actually report the town with the **least** children in it.

Figment is the town with the least children ages 1-9 living in it.