Name_____

Some fifth grade students attended a birthday party on the weekend. They left with bags of candy that were from the piñata. Organize the data and create a line plot to display the data.

$\frac{1}{4}$ pound $1\frac{1}{2}$ pounds

$\frac{3}{4}$ pound $\frac{3}{4}$ pound

$1\frac{1}{8}$ pounds $\frac{3}{8}$ pound

$\frac{3}{4}$ pound $\frac{7}{8}$ pound

1 pound $\frac{1}{4}$ pound

$\frac{1}{4}$ pound $\frac{3}{8}$ pound

$\frac{1}{2}$ pound   1 pound

$1\frac{1}{8}$ pounds

$1\frac{1}{4}$ pounds

$\frac{5}{8}$ pound

$1\frac{1}{4}$ pounds

$1\frac{1}{8}$ pounds

$\frac{3}{4}$ pound

Name_____

Use your line plot created in the task *Bulk Candy Part One* or the information presented in the line graph *Bulk Candy Part Two,* to answer the following questions.

1. Suppose you took all the bags of candy that weighed $\frac{3}{4}$ pounds and combined them in one large bag. Write a numerical equation and draw a picture/model to show how you could find the total weight of the bag. Then find the total weight of the bag.

2. Suppose you combined all the bags of candy that weighed one pound or more into a single bag. How much would this bag weigh? Write a numerical equation and draw a picture/model to show how you could find the total weight of the bag. Then find the total weight of the bag.

3. If the total of candy were to change to 16 ½ pounds, what could be some additional fractional amounts the students may have? Write a numerical equation and draw a picture/model to support.