Name _____

Line Plots

Use the data to complete the line plot. Then answer the questions.

A clerk in a health food store makes bags of trail mix. The amount of trail mix in each bag is listed below.

$\frac{1}{4}$ lb, $\frac{1}{4}$ lb, $\frac{3}{4}$ lb, $\frac{1}{2}$ lb, $\frac{1}{4}$ lb, $\frac{3}{4}$ lb,

$\frac{3}{4}$ lb, $\frac{3}{4}$ lb, $\frac{1}{2}$ lb, $\frac{1}{4}$ lb, $\frac{1}{2}$ lb, $\frac{1}{2}$ lb

1. What is the combined weight of the $\frac{1}{4}$-lb bags? ___**1 lb**___

> **Think:** There are four $\frac{1}{4}$-pound bags.

2. What is the combined weight of the $\frac{1}{2}$-lb bags? _____

3. What is the combined weight of the $\frac{3}{4}$-lb bags? _____

$\begin{array}{ccc} \frac{1}{4} & \frac{1}{2} & \frac{3}{4} \end{array}$

Weight of Trail Mix (in pounds)

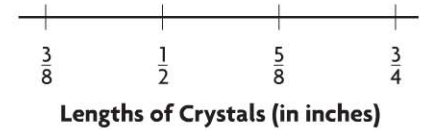**4.** What is the total weight of the trail mix used in

all the bags? _____

5. What is the average amount of trail mix in each bag? _____

Julie uses crystals to make a bracelet. The lengths of the crystals are shown below.

$\frac{1}{2}$ in., $\frac{5}{8}$ in., $\frac{3}{4}$ in., $\frac{1}{2}$ in., $\frac{3}{8}$ in., $\frac{1}{2}$ in., $\frac{3}{4}$ in.,

$\frac{3}{8}$ in., $\frac{3}{4}$ in., $\frac{5}{8}$ in., $\frac{1}{2}$ in., $\frac{3}{8}$ in., $\frac{5}{8}$ in., $\frac{3}{4}$ in.

$\begin{array}{cccc} \frac{3}{8} & \frac{1}{2} & \frac{5}{8} & \frac{3}{4} \end{array}$

Lengths of Crystals (in inches)

6. What is the combined length of the $\frac{1}{2}$-in. crystals? _____

**7.** What is the combined length of the $\frac{5}{8}$-in. crystals? _____

8. What is the total length of all the crystals in the bracelet? _____

9. What is the average length of each crystal in the bracelet? _____

Lesson Check (CC.5.MD.2)

A baker uses different amounts of salt when she bakes loaves of bread, depending on which recipe she is following. The amount of salt called for in each recipe is shown on the line plot.

Amount of Salt (in teaspoons)
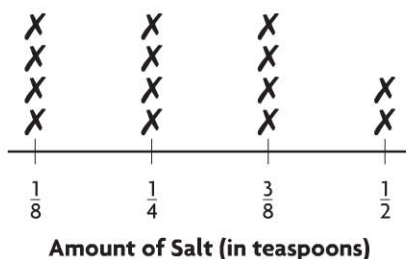
1. Based on the line plot, how many recipes call for more than $\frac{1}{4}$ tsp of salt?
   - (A) 4
   - (B) 6
   - (C) 8
   - (D) 12

2. What is the average amount of salt called for in each recipe?
   - (A) $\frac{1}{8}$ tsp
   - (B) $\frac{1}{4}$ tsp
   - (C) $\frac{2}{7}$ tsp
   - (D) $\frac{1}{2}$ tsp

Spiral Review (CC.5.NBT.4, CC.5.NF.1, CC.5.NF.4a, CC.5.NF.7c)

3. Ramona had $8\frac{3}{8}$ in. of ribbon. She used $2\frac{1}{2}$ in. for an art project. How many inches of ribbon does she have left? Find the difference in simplest form. (Lesson 6.7)
   - (A) $5\frac{1}{8}$ in.
   - (B) $5\frac{7}{8}$ in.
   - (C) $6\frac{1}{8}$ in.
   - (D) $6\frac{1}{6}$ in.

4. Ben bought $\frac{1}{2}$ pound of cheese for 3 sandwiches. If he puts the same amount of cheese on each sandwich, how much cheese will each sandwich have? (Lesson 8.4)
   - (A) $\frac{1}{6}$ lb
   - (B) $\frac{2}{3}$ lb
   - (C) $1\frac{1}{2}$ lb
   - (D) 6 lb

5. What is 92.583 rounded to the nearest tenth? (Lesson 3.4)
   - (A) 90
   - (B) 92.5
   - (C) 92.58
   - (D) 92.6

6. In Yoshi's garden, $\frac{3}{4}$ of the flowers are tulips. Of the tulips, $\frac{2}{3}$ are yellow. What fraction of the flowers in Yoshi's garden are yellow tulips? (Lesson 7.6)
   - (A) $\frac{1}{12}$
   - (B) $\frac{5}{12}$
   - (C) $\frac{1}{2}$
   - (D) $\frac{5}{7}$