

umber of

2

3

8

7

2

Solve.

weights in a line plot.

Show your work. $2-\frac{1}{2}=\frac{4}{2}-\frac{1}{2}$

Solution:

10 bags

<u>M</u> 4

 $=\frac{3}{2}$, or $1\frac{1}{2}$

and less than 2 pounds?

 $4\frac{1}{4}$ pounds of grapes.

Lesson 26 Understand Statistical Questions

1¹/₂ pounds

Use this situation and the line plot for problems 3-6.

farmer's market. He weighs each bag and records the

What is the difference in weight between the heaviest bag and the lightest bag of grapes?

How many bags of grapes weigh more than 1 pound

Answers will vary. Possible answer: The customer could buy three 1-pound bags and

No; Possible explanation: If Greg buys a bag with 2 pounds and a bag with $1\frac{1}{2}$ pounds,

he will have a total of $3\frac{1}{2}$ pounds; if he buys two bags with 2 pounds each, he will have a

total of 4 pounds. There is no combination of two bags that will give him $3\frac{3}{4}$ pounds.

one $1\frac{1}{4}$ -pound bag or three $1\frac{1}{4}$ -pound bags and one $\frac{1}{2}$ -pound bag.

Possible answer: the diameters of the buttons in a sewing kit

M 5 Describe two different ways that a customer could buy

Colton puts grapes in plastic bags to sell at the

Prerequisite: How can you use a line plot to interpret data? Study the example problem showing how to make a line plot. Then solve problems 1–7.

Understand

Example

Statistical Questions





Lesson 26 Understand Statistical Questions

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