

Grade 5 Unit 6

Lesson 14

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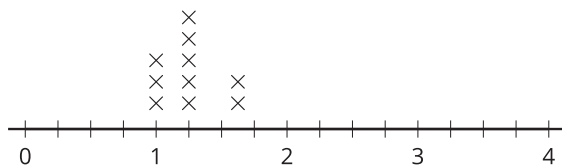
Unit 6 Lesson 14: Representing Fractions on a Line Plot

WU Which One Doesn't Belong: Line Plot (Warm up)

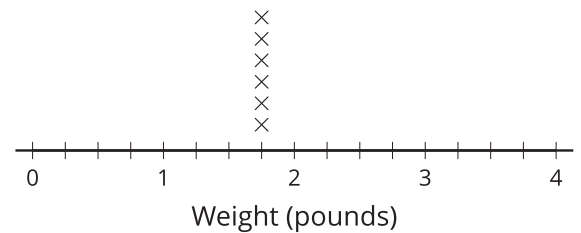
Student Task Statement

Which one doesn't belong?

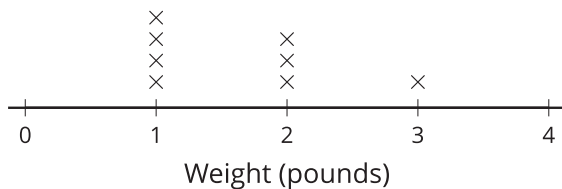
A



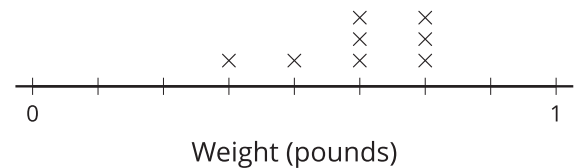
B



C



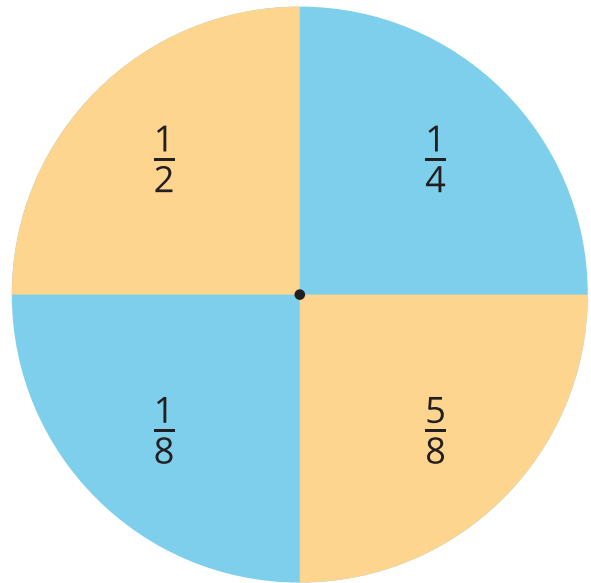
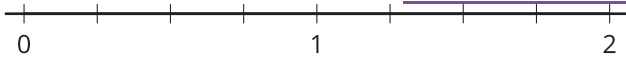
D



1 Sums of Fractions

Student Task Statement

- Play Sums of Fractions with your partner.
 - Take turns with your partner.
 - Spin the spinner twice.
 - Add the two fractions.
 - Record the sum on the line plot.
 - Play the game until you and your partner together have 12 data points.



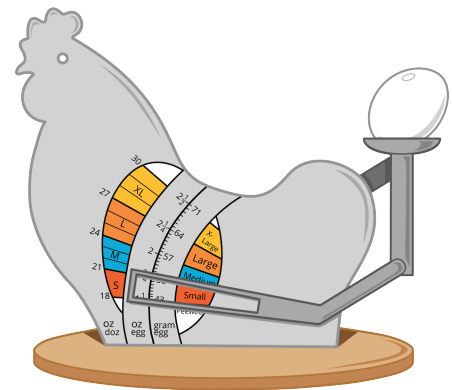
2. How did you know where to plot the sums of eighths?
3. What is the difference between your highest and lowest number?
4. What do you notice about the data you collected?

2 Lots of Eggs

Student Task Statement

1. Here are the weights of some eggs, in ounces. Use them to make a line plot.

$1\frac{7}{8}, 2\frac{1}{2}, 2\frac{3}{8}, 1\frac{3}{4}, 2\frac{1}{4}, 2\frac{4}{8}, 2\frac{1}{8}, 1\frac{7}{8}, 2\frac{1}{4}, 1\frac{6}{8}, 2\frac{1}{8}, 1\frac{7}{8}$



2. Jada said that $\frac{1}{4}$ of the eggs weigh $1\frac{7}{8}$ ounces. Do you agree? Explain or show your reasoning.
3. How much heavier is the heaviest egg than the lightest egg? Explain or show your reasoning.