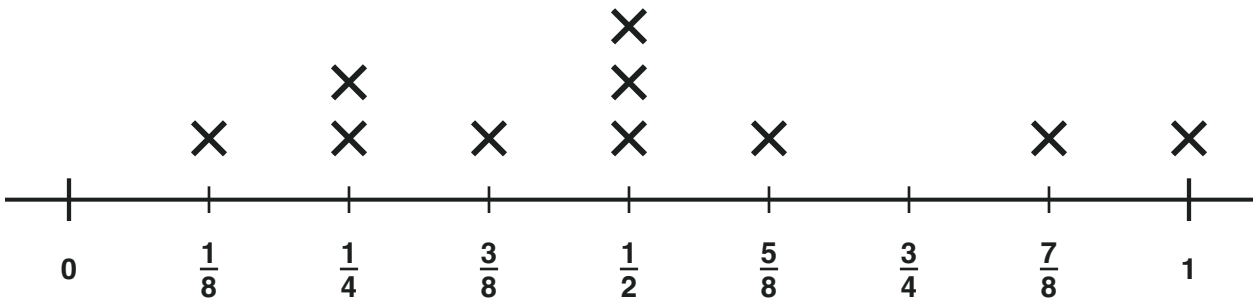
Read a Line Plot with Fractions

Name: _____

Grade 5 · Read a line plot marked in eighths and use fractions to answer questions about it

A class measured the water in 10 beakers. Each X is one beaker. Use the line plot to answer the questions.

Water in Each Beaker



Cups of water

1. How many beakers hold exactly $\frac{1}{2}$ cup? _____

2. How many beakers hold less than $\frac{1}{2}$ cup? _____

3. How many beakers hold more than $\frac{1}{2}$ cup? _____

4. Which amount is the most common? _____

5. How much more water is in the fullest beaker than in the emptiest beaker? _____

6. How much water is in the beakers that hold $\frac{1}{4}$ cup, added together? _____

7. How much water is in the beakers that hold $\frac{1}{2}$ cup, added together? _____

8. How much water is in all 10 beakers, added together? _____

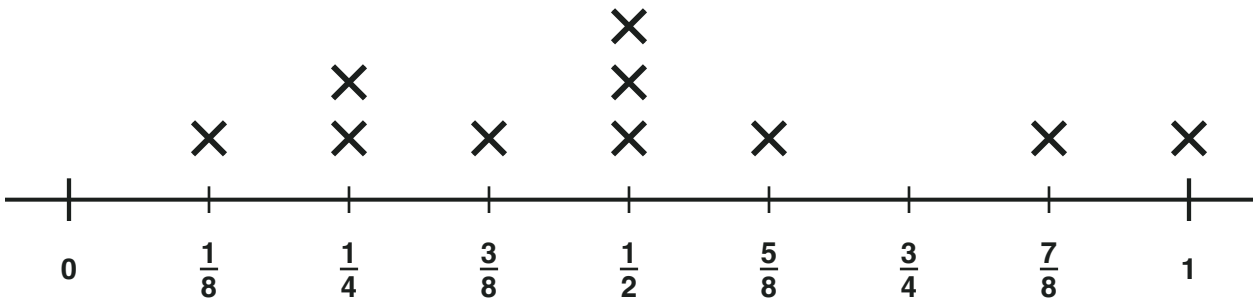
9. If all the water were shared equally among the 10 beakers, how much would be in each one? _____

Read a Line Plot with Fractions (Answer Key)

Grade 5 · Read a line plot marked in eighths and use fractions to answer questions about it

A class measured the water in 10 beakers. Each X is one beaker. Use the line plot to answer the questions.

Water in Each Beaker



Cups of water

1. How many beakers hold exactly $\frac{1}{2}$ cup? **3 beakers**

2. How many beakers hold less than $\frac{1}{2}$ cup? **4 beakers**

3. How many beakers hold more than $\frac{1}{2}$ cup? **3 beakers**

4. Which amount is the most common? **$\frac{1}{2}$ cup**

5. How much more water is in the fullest beaker than in the emptiest beaker? **$\frac{7}{8}$ cup**

6. How much water is in the beakers that hold $\frac{1}{4}$ cup, added together? **$\frac{1}{2}$ cup**

7. How much water is in the beakers that hold $\frac{1}{2}$ cup, added together? **$1\frac{1}{2}$ cups**

8. How much water is in all 10 beakers, added together? **5 cups**

9. If all the water were shared equally among the 10 beakers, how much would be in each one? **$\frac{1}{2}$ cup**