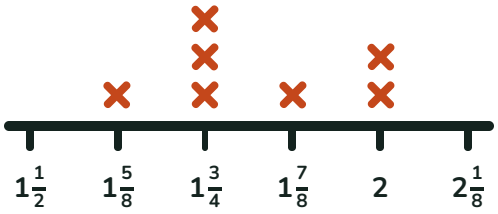
Line plots, dot plots and data questions

Answer key The answers are filled in.

1 Make a line plot of the leaves. Draw an X above the line for each length.

Lengths of 7 leaves in inches:

2 $1\frac{7}{8}$ 2 $1\frac{5}{8}$ $1\frac{3}{4}$ $1\frac{6}{8}$ $1\frac{6}{8}$



Leaf lengths (inches)

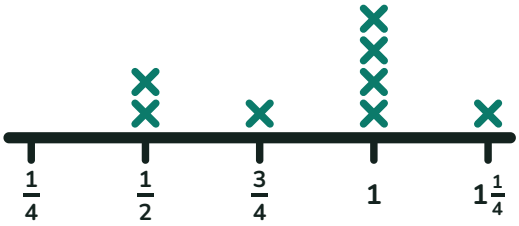
2



Water in each beaker (liter)

Rosa pours water into 7 beakers for a science experiment. The line plot shows the water in each beaker. If the water were shared equally among the 7 beakers, how much water would each beaker hold? $\frac{1}{2}$

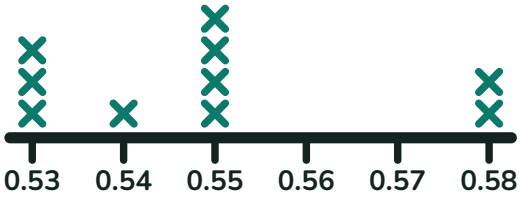
3



Glitter in each bottle (cup)

Cora pours glitter into 8 small bottles for a craft. The line plot shows the glitter in each bottle. If the glitter were shared equally among the 8 bottles, how much glitter would each bottle hold? $\frac{7}{8}$

4



Bean plant heights (meters)

The dot plot shows the height of each bean plant in a class garden. How much taller is the most common height than the shortest plant? 0.02

Score: ____ / 4