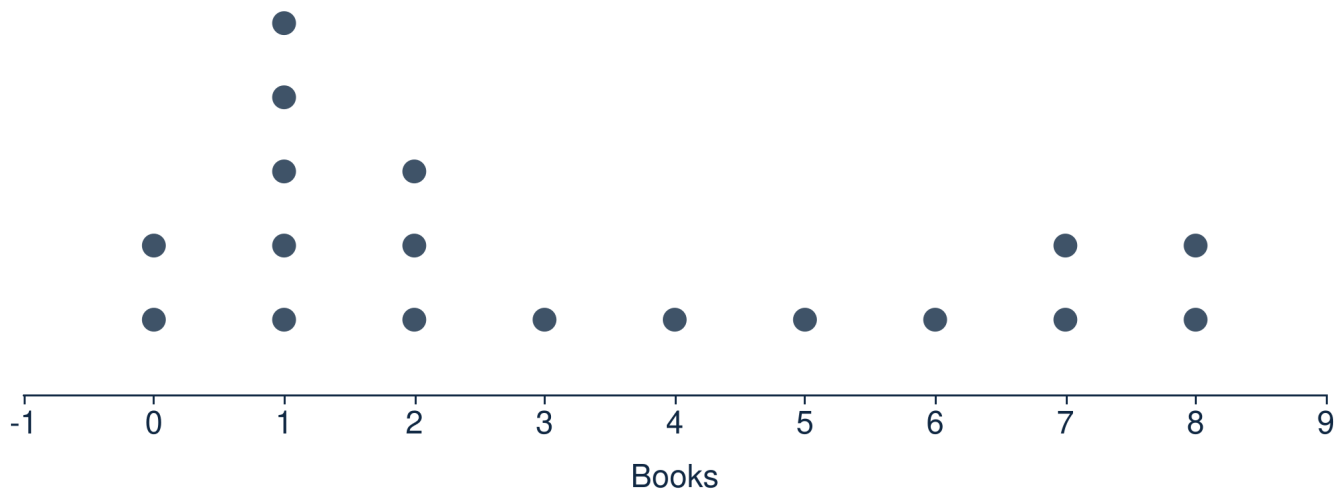


Dot plot worksheets

Books read in a month

Name: _____ Date: _____

Original fictional practice data



- 1. How many observations are shown?

- 2. Find the median.

- 3. Find every mode. If all values occur once, write “no mode”.

- 4. Find the range of the observations.

- 5. How many observations are at or below 4?

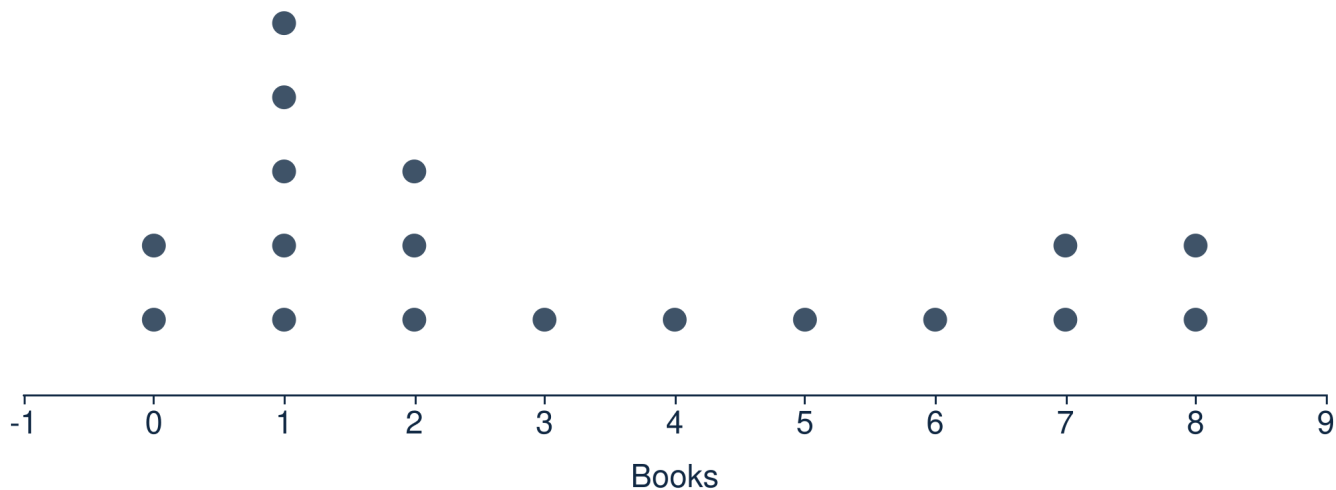
- 6. Does the tallest stack necessarily show the largest value?

Dot plot worksheets

Books read in a month

Answer key — keep separate from the worksheet

Original fictional practice data



1. How many observations are shown?

18

Count every dot once, including stacked dots.

2. Find the median.

2

Average positions 9 and 10: $(2 + 2) \div 2 = 2$.

3. Find every mode. If all values occur once, write “no mode”.

1

The highest frequency is 5; include all values tied at that frequency.

4. Find the range of the observations.

8

$8 - (0) = 8$. Count values, not dots, for the range.

5. How many observations are at or below 4?

12

Include all dots at 4 as well as those to its left.

6. Does the tallest stack necessarily show the largest value?

No.

Stack height shows frequency. The largest value is the rightmost occupied position.