Practice worksheet | Statistics

Dot plots and stem-and-leaf plots

Name: _____ Date: _____

6 questions | 12 marks

1. List all values shown by the stem plot. [2 marks]

$\text{Leaf unit} = 1$ cm; key $1 \mid 2$ means 12 cm

Stem	Leaves
1	1 2 2 3 5 8
2	0 1 1 4

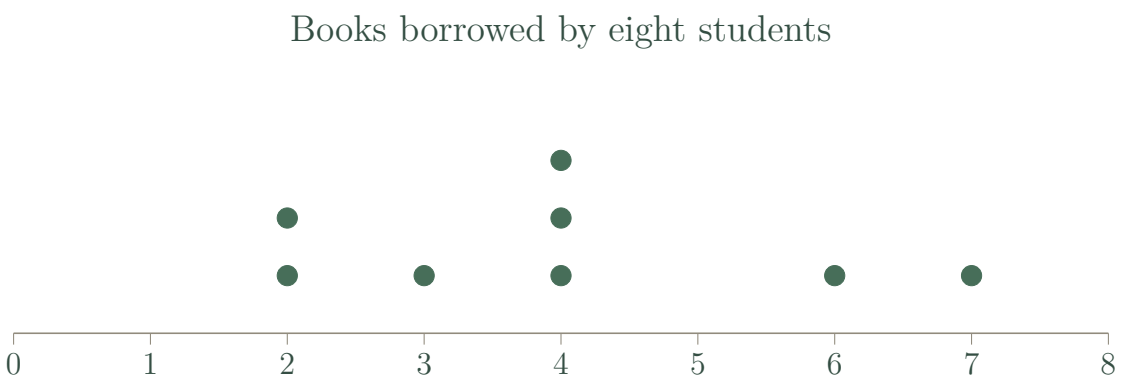
2. How many observations are in the stem plot? [2 marks]

$\text{Leaf unit} = 1$ cm; key $1 \mid 2$ means 12 cm

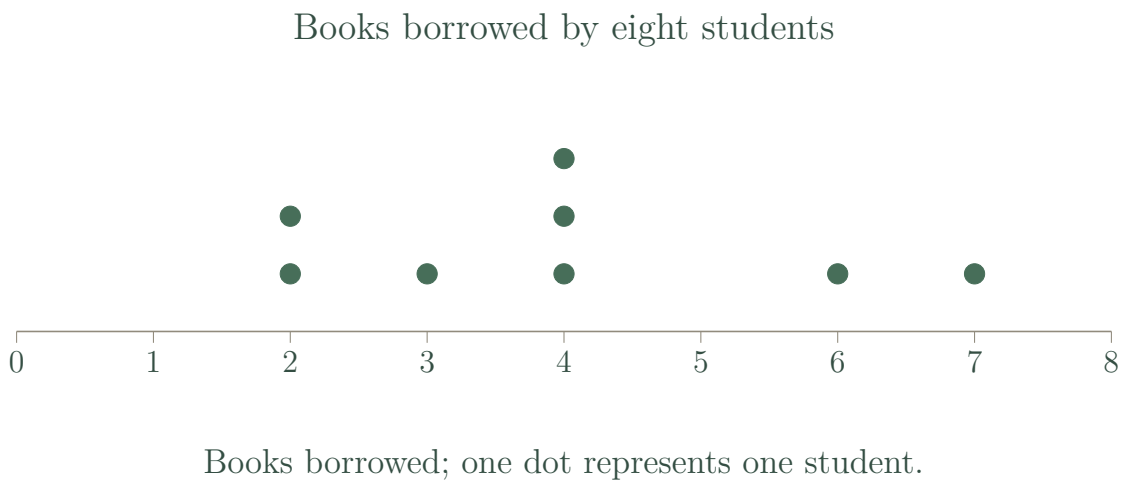
Stem	Leaves
1	1 2 2 3 5 8
2	0 1 1 4

3. Construct an ordered stem plot for 14, 18, 18, 21, 23, 25. Include a key. [2 marks]

4. State the most frequent value in the dot plot. [2 marks]



5. How many students in the dot plot borrowed fewer than four books? [2 marks]



6. A stem plot shows $5 \mid 3$ but gives no key or units. Explain why it is incomplete. [2 marks]