

Solutions

2.1 Range=maximum-minimum=9-2=7.

2.2 The total is 25 across five observations: mean=25/5=5.

2.3 The sorted list is 2,4,4,6,9. Its third observation is 4.

2.4 Density=frequency/class width=30/10=3.

3.1 False. The values 1 and 2 have mean 1.5, which is not observed. A mean balances the sum; it need not be a member of the list.

Local review guidance: show the chosen method; give the checked result; explain the condition or failed shortcut. This is authored classroom guidance.