

## Solutions

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**2.1**  $20/20=1$ .

**2.2** Add all class frequencies.

**2.3** Count 35 is halfway from 20 to 50, so halfway from 10 to 20.

**3.1** False. A class of width 10 containing 20 observations has frequency density  $20/10=2$ . Area  $10 \times 2$  recovers frequency 20; height alone does not.

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