

- 11 The maximum value in a data set is 50.3, the minimum is 5.4 and you have decided to use 8.0 classes in your histogram. What class width should you use if you want the class widths to all be the same and equal to a whole number?

Answer:

6

- 12 The maximum value in a data set is 37.0, the minimum is 17.0 and you have decided to use 5.0 classes in your histogram. What class width should you use if you want the class widths to all be the same and equal to a whole number?

Answer:

4

- 13 The maximum of a set of data is 100, the minimum is 60 and the mean is 85. Which of the following could **not** be the standard deviation?

Choose one answer.

- ☒ a. 35
- ☐ b. 12
- ☐ c. 14
- ☐ d. 22

- 14 Look at the cumulative frequency curves shown here. Which two of the following statements are true?

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