

Algebra 1, practice test for Data Analysis

Answer Section

- | | | |
|-----------|--------|---|
| 1. ANS: C | PTS: 1 | REF: 2-3 Frequency Tables and Line Plots |
| 2. ANS: C | PTS: 1 | REF: 9-2 Displaying Frequencies |
| 3. ANS: D | PTS: 1 | REF: 2-6 Stem-and-Leaf Plots |
| 4. ANS: C | PTS: 1 | REF: 2-6 Stem-and-Leaf Plots |
| 5. ANS: D | PTS: 1 | REF: 9-1 Finding Mean, Median, and Mode |
| 6. ANS: B | PTS: 1 | REF: 12-3 Measures of Central Tendency and Dispersion |
| 7. ANS: C | PTS: 1 | REF: 12-3 Measures of Central Tendency and Dispersion |

8. ANS:
65

PTS: 1 REF: 9-1 Finding Mean, Median, and Mode

9. ANS:

Team A mean = 30.2, range = 10

Team B mean = 29.8, range = 6

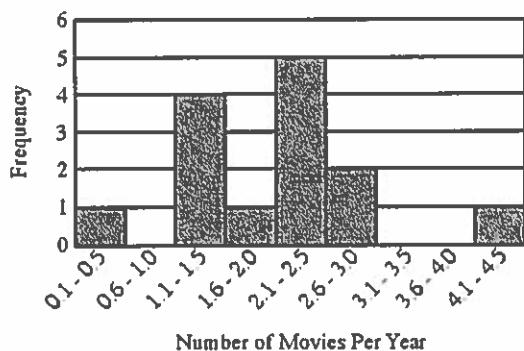
Team A had a higher mean time and a larger amount of variation in the times, as shown by the larger range. Team B students had a lower mean time and less variation.

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|------------|--------|---|
| | PTS: 1 | REF: 12-3 Measures of Central Tendency and Dispersion |
| 10. ANS: B | PTS: 1 | REF: 12-1 Mean, Median, and Mode |
| 11. ANS: D | PTS: 1 | REF: 12-1 Mean, Median, and Mode |
| 12. ANS: D | PTS: 1 | REF: 12-1 Mean, Median, and Mode |
| 13. ANS: B | PTS: 1 | REF: 9-1 Finding Mean, Median, and Mode |
| 14. ANS: D | PTS: 1 | REF: 9-1 Finding Mean, Median, and Mode |
| 15. ANS: B | PTS: 1 | REF: 9-2 Displaying Frequencies |
| 16. ANS: D | PTS: 1 | REF: 11-1 Reporting Frequency |
| 17. ANS: B | PTS: 1 | REF: 9-2 Displaying Frequencies |

18. ANS:

Answers may vary. Sample:

Number of Movies Per Year	Frequency
0.1-0.5	1
0.6-1.0	0
1.1-1.5	4
1.6-2.0	1
2.1-2.5	5
2.6-3.0	2
3.1-3.5	0
3.6-4.0	0
4.1-4.5	1

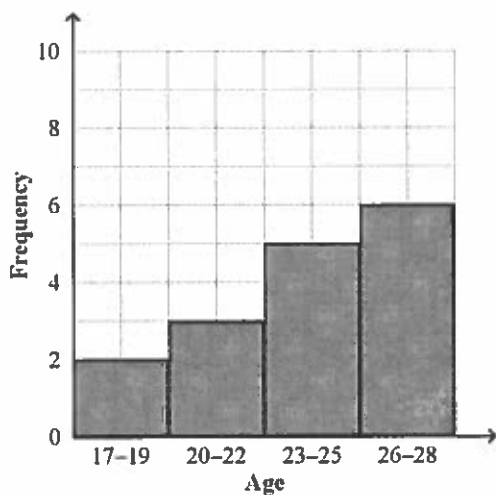


PTS: 1

REF: 9-2 Displaying Frequencies

19. ANS:

Drivers' Ages



PTS: 1

REF: 9-2 Displaying Frequencies

20. ANS: B

PTS: 1

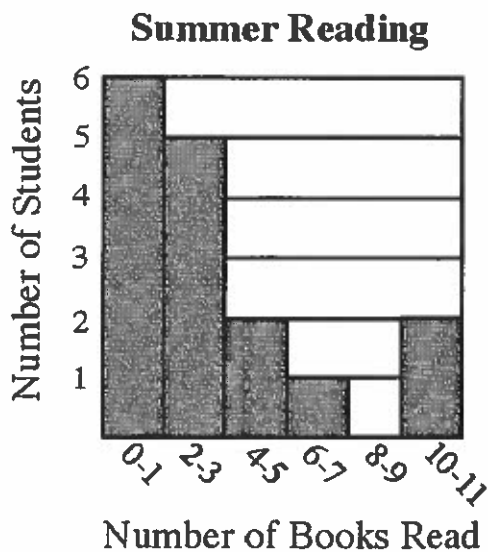
REF: 11-1 Reporting Frequency

21. ANS: A

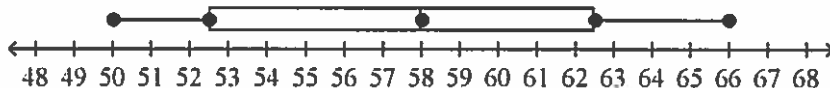
PTS: 1

REF: 11-1 Reporting Frequency

22. ANS:
 Graphs may vary. Sample:



- PTS: 1 REF: 12-2 Frequency Tables, Line Plots, and Histograms
 23. ANS: A PTS: 1 REF: 9-6 Box-and-Whisker Plots
 24. ANS: D PTS: 1 REF: 9-6 Box-and-Whisker Plots
 25. ANS:



- PTS: 1 REF: 9-6 Box-and-Whisker Plots
 26. ANS: A PTS: 1 REF: 9-6 Box-and-Whisker Plots
 27. ANS: D PTS: 1 REF: 12-3 Box-and-Whisker Plots
 28. ANS: D PTS: 1 REF: 9-6 Box-and-Whisker Plots

