

Level: 1

Practice 8

Probability and Statistics

9. The heights of five basketball players in centimeters are: 195, 202, 198, 205, and 190. What is the mean (average) height of the players?

A 198 B 200
 C 199 D 198.5

11. The weights of 8 puppies in kilograms are: 2.5, 3.1, 2.8, 3.4, 2.9, 3.2, 3.0, 2.7. What is the median weight of the puppies?

A 2.9 B 2.8
 C 2.95 D 3.0

13. Three friends each saved money for a month. The amount they saved each week is listed below:

Friend A: 15, 20, 18, 22, 17
 Friend B: 18, 15, 21, 17, 23
 Friend C: 20, 17, 18, 21, 19

Which list orders the friends from greatest to least based on each friend's mean amount saved?

A A, B, C B A, C, B
 C B, A, C D C, B, A

10. The number of goals scored by a soccer team in their last 7 games is: 2, 1, 3, 2, 2, 0, 4. What is the mode of this data set?

A 4 B 3
 C 0 D 2

12. The high temperatures for a week are: 75°F, 80°F, 82°F, 77°F, 79°F, 81°F, 76°F. What is the range of temperatures?

A 5 B 6
 C 7 D 8

14. The ages of participants in a workshop are recorded in the following frequency table:

Age Interval	Frequency
20-24	5
25-29	8
30-34	3
35-39	2

Which age interval contains the median age?

A 30-34 B 35-39
 C 25-29 D 20-24