

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
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
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
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
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
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