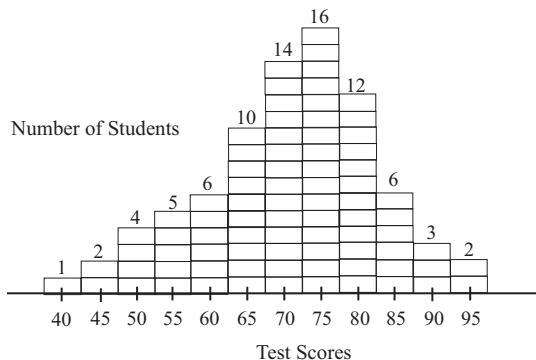


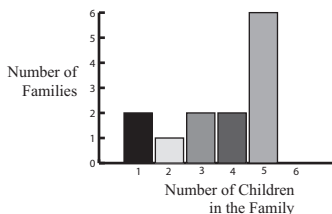
1. Consider this histogram of the scores for 81 students taking a test.

Student Test Scores



The median is in the interval labeled.

- (A) 60 (B) 65 (C) 70 (D) 75 (E) 80
2. The arithmetic mean (average) of four numbers is 85. If the largest of these numbers is 97, then the mean of the remaining three numbers is:
- (A) 81.0 (B) 82.7 (C) 83.0 (D) 84.0 (E) 84.3
3. The graph shows the distribution of the number of children in the families of the students in Ms. Jordan's English class. The median number of children in the family for this distribution is



- (A) 1 (B) 2 (C) 3 (D) 4 (E) 5
4. There is a set of five positive integers whose average (mean) is 5, whose median is 5, and whose only mode is 8. What is the difference between the largest and smallest integers in the set?
- (A) 3 (B) 5 (C) 6 (D) 7 (E) 8
5. The average age of the 40 members of a computer science camp is 17 years. There are 20 girls, 15 boys, and 5 adults. If the average age of the girls is 15 and the average age of the boys is 16, what is the average age of the adults?
- (A) 26 (B) 27 (C) 28 (D) 29 (E) 30

6. There is a list of 7 numbers. The average of the list of the first four numbers is 5 and the average of the last four numbers is 8. If the average of all seven numbers is $6\frac{4}{7}$, then the number common to both sets of four numbers is

- (A) $5\frac{3}{7}$ (B) 6 (C) $6\frac{3}{7}$ (D) 7 (E) $7\frac{3}{7}$