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1987 Q16

16. Joyce made 12 of her first 30 shots in the first three games of this basketball season, so her seasonal shooting average was 40%. In her next game, she took 10 shots and raised her seasonal shooting average to 50%. How many of these 10 shots did she make?

A) 2 B) 3 C) 5 D) 6 E) 8

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1985 Q17

17. If your average score on your first six mathematics tests was 84 and your average score on your first seven mathematics tests was 85, then your score on the seventh test was

A) 86 B) 88 C) 90 D) 91 E) 92

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1989 Q17

17. The number N is between 9 and 17. The average of 6, 10, and N could be

A) 8 B) 10 C) 12 D) 14 E) 16

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1988 Q18

18. The average weight of 6 boys is 150 pounds and the average weight of 4 girls is 120 pounds. The average weight of the 10 children is

A) 135 pounds B) 137 pounds C) 138 pounds

D) 140 pounds E) 141 pounds

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1991 Q19

19. The average (arithmetic mean) of 10 different positive whole numbers is 10. The largest possible value of any of these numbers is

(A) 10 **(B)** 50 **(C)** 55 **(D)** 90 **(E)** 91

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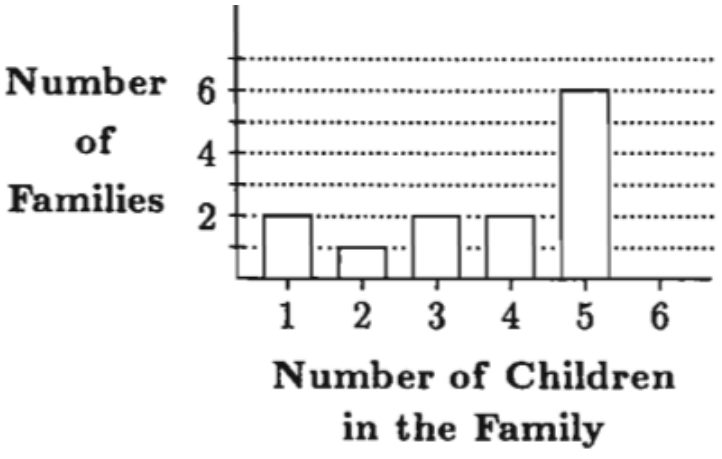
1995 Q19

19. 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



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1990 Q20

20. The annual incomes of 1,000 families range from \$8200 to \$98,000. In error, the largest income was entered on the computer as \$980,000. The difference between the mean of the incorrect data and the mean of the actual data is

A) \$882 B) \$980 C) \$1078 D) \$482,000 E) \$882,000