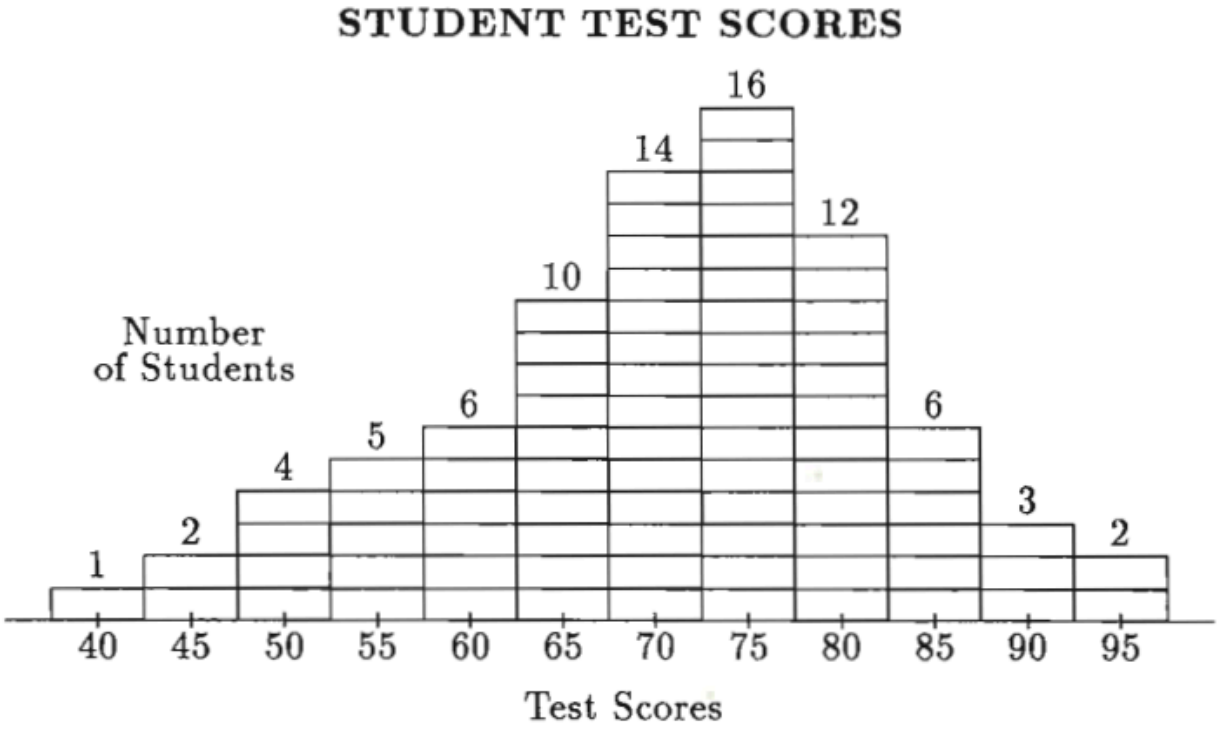
1993 Q11

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



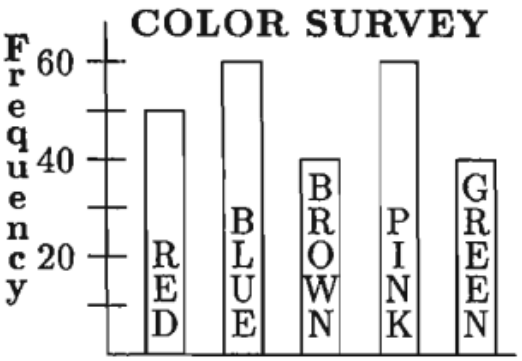
The median is in the interval labeled

(A) 60 **(B)** 65 **(C)** 70 **(D)** 75 **(E)** 80

1992 Q11

11. The bar graph shows the results of a survey on color preferences. What percent preferred blue?

(A) 20% **(B)** 24% **(C)** 30%
(D) 36% **(E)** 42%



1994 Q11

11. Last summer 100 students attended basketball camp. Of those attending, 52 were boys and 48 were girls. Also, 40 students were from Jones Middle School and 60 were from Clay Middle School. Twenty of the girls were from Jones Middle School. How many of the boys were from Clay Middle School?

(A) 20 (B) 32 (C) 40 (D) 48 (E) 52

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1997 Q11

11. Let $\boxed{N}$ mean the number of whole number divisors of N. For example, $\boxed{3} = 2$, because 3 has two divisors, 1 and 3. Find the value of

$$\boxed{\boxed{11} \times \boxed{20}}$$

(A) 6 **(B)** 8 **(C)** 12 **(D)** 16 **(E)** 24

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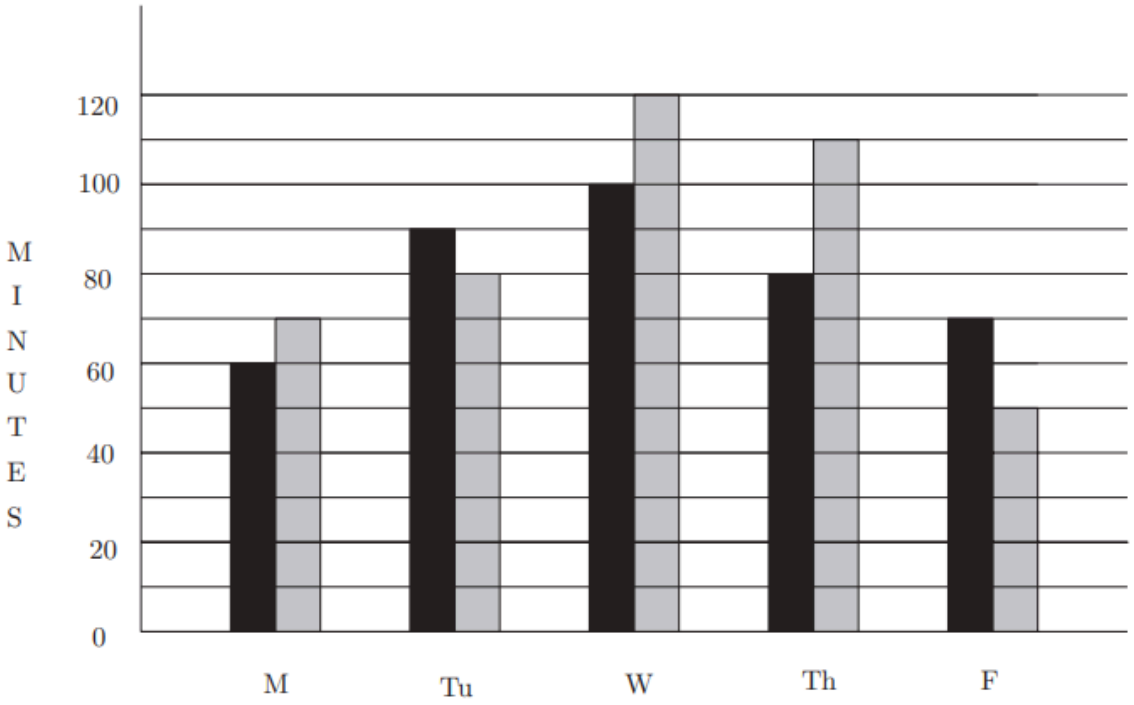
2011 Q11

11. The graph below shows the number of minutes studied by both Asha (black bar) and Sasha (grey bar) in one week. On the average, how many more minutes per day did Sasha study than Asha?



(A) 6 **(B)** 8 **(C)** 9 **(D)** 10 **(E)** 12

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2012 Q11

11. The mean, median, and unique mode of the positive integers 3, 4, 5, 6, 6, 7, x are all equal. What is the value of x?

(A) 5 **(B)** 6 **(C)** 7 **(D)** 11 **(E)** 12

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2004 Q11

11. The numbers -2, 4, 6, 9 and 12 are rearranged according to these rules:

    1. The largest isn't first, but it is in one of the first three places.
    2. The smallest isn't last, but it is in one of the last three places.
    3. The median isn't first or last.

    What is the average of the first and last numbers?

    (A) 3.5 **(B)** 5 **(C)** 6.5 **(D)** 7.5 **(E)** 8

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1986 Q12

12. The table to the right displays the grade distribution of the 30 students in a mathematics class on the last two tests. For example, exactly one student received a 'D' on Test 1 and a 'C' on Test 2 (see circled entry). What percent of the students received the same grade on both tests?

TEST 1 \ TEST 2	A	B	C	D	F
A	2	2	1	0	0
B	1	4	3	0	0
C	1	3	5	2	0
D	0	0	(1)	1	1
F	0	0	2	1	0

A) 12% B) 25% C) $33\frac{1}{3}\%$ D) 40% E) 50%