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STATS MEAN MEDIAN MODE

- 2005A 6. The average (mean) of 20 numbers is 30, and the average of 30 other numbers is 20. What is the average of all 50 numbers?
- (A) 23 (B) 24 (C) 25 (D) 26 (E) 27
- 2013B 6. The average age of 33 fifth-graders is 11. The average age of 55 of their parents is 33. What is the average age of all of these parents and fifth-graders?
- (A) 22 (B) 23.25 (C) 24.75 (D) 26.25 (E) 28
- 2016A 7. The mean, median, and mode of the 7 data values 60, 100, x , 40, 50, 200, 90 are all equal to x . What is the value of x ?
- (A) 50 (B) 60 (C) 75 (D) 90 (E) 100

2002A

9. Suppose A , B , and C are three numbers for which $1001C - 2002A = 4004$ and $1001B + 3003A = 5005$. The average of the three numbers A , B , and C is
- (A) 1 (B) 3 (C) 6 (D) 9 (E) not uniquely determined

2014A

10. Five positive consecutive integers starting with a have average b . What is the average of 5 consecutive integers that start with b ?
- (A) $a + 3$ (B) $a + 4$ (C) $a + 5$ (D) $a + 6$ (E) $a + 7$