Average

Three numbers are in the ratio 4 : 5 : 7. If their average is 480, what is the difference between the largest and the smallest number ? SSC CGL 14/10/2025 (Shift 1)

(a) 270 (b) 300 (c) 240 (d) 250

The average of 6 numbers is 30. The average of the first four numbers is 25, and the fifth number is 35. What is the sixth number? Higher Secondary 28/07/2025 (Shift - 2)

(a) 65 (b) 55 (c) 45 (d) 50

A park has an average number of 420 visitors on Sunday and 120 on other days. The average number of visitors per day in a month of 30 days beginning with Sunday, is:

(a) 160 (b) 150 (c) 270 (d) 170

In a class with a certain number of students, if one student weighing 30 kg is added, then the average weight of the class increases by 1 kg. If one more student weighing 30 kg is added, then the average weight of the class increases by 1.5 kg over the original average. What is the original average weight (in kg) of the class ?

(a) 26.5 (b) 25.5 (c) 27 (d) 24

In ₹150, B buys 10 pens for ₹8 each, 10 erasers for ₹5 each and some sharpeners for ₹4 each. What is the average price per item in ₹?

(a) 8 (b) 7 (c) 10 (d) 6

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20 students of a college went to a hotel. 19 of them spent ₹175 each on their meal and the 20th student spent ₹19 more than the average of all the 20. Find the total money spent by them.

(a) ₹3,490 (b) ₹3,540 (c) ₹3,520 (d) ₹3,500

The average score in a test for 50 students is 44. Out of the total students, 40% of the students are girls and the rest are boys. The average score of boys is 20% less than that of girls. What is the average score of girls?

(a) 50 (b) 54 (c) 48 (d) 52

The batting average for 27 innings of a cricket player is 47 runs. His highest score in an innings exceeds his lowest score by 157 runs. If these two innings are excluded, the average score of the remaining 25 innings is 42 runs. Find his highest score in an innings.

(a) 176 (b) 188 (c) 186 (d) 174

In an office, 80% workers are men while 20% are women. The average age of the men is 30 and the average age of the women is 40. What is the average age of all the workers in that office?

(a) 50 (b) 32 (c) 30 (d) 35

What is the average of numbers from 1 to 50 which are multiples of 2 or 5? (correct to one decimal place)

(a) 25.4 (b) 25.9 (c) 26.4 (d) 25.8

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What is the ratio of the average of first eight prime numbers to the average of first ten even natural numbers?

(a) 1 : 7 (b) 7 : 80 (c) 8 : 70 (d) 7 : 8

A batsman in his 11th innings makes a score of 77 runs, thereby increasing his average scores by 3. What is his average score after the 11th innings?

(a) 46 (b) 49 (c) 47 (d) 48

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The average age of husband, wife and child 7 years ago was 42 years and that of wife and child 9 years ago was 36 years. The present age of the husband is:

(a) 50 (b) 55 (c) 48 (d) 57

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Thank You